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Friday, October 11, 2002

Treasurer Releases '02 Report

By Nathan Collins

EXECUTIVE EDITOR

In the last year, the MIT endowment decreased by 9.8 percent to about \$7 billion, according to MIT Treasurer Allan S. Bufford's annual report.

The change was principally the result of investment losses totalling about \$800 million, the report said.

Bufford reported MIT's total assets as \$8.4 billion, down from the 2000 peak of \$8.9 billion. Other universities have seen similar declines in recent years. Harvard University's endowment, for example, declined over Harvard's last fiscal year by about \$800 million to \$18.2 billion, the *Harvard University Gazette* reported.

MIT focuses on long term strategy

Bufford said that MIT's long-term investment situation was more important than this year's loss. Between June 1997 and the end of the fiscal year in June 2002, MIT's total invested assets grew by \$2.8 billion, and this was "the key number," he said.

"I'm not happy about last year,

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ARCADE to Support Diversity Events

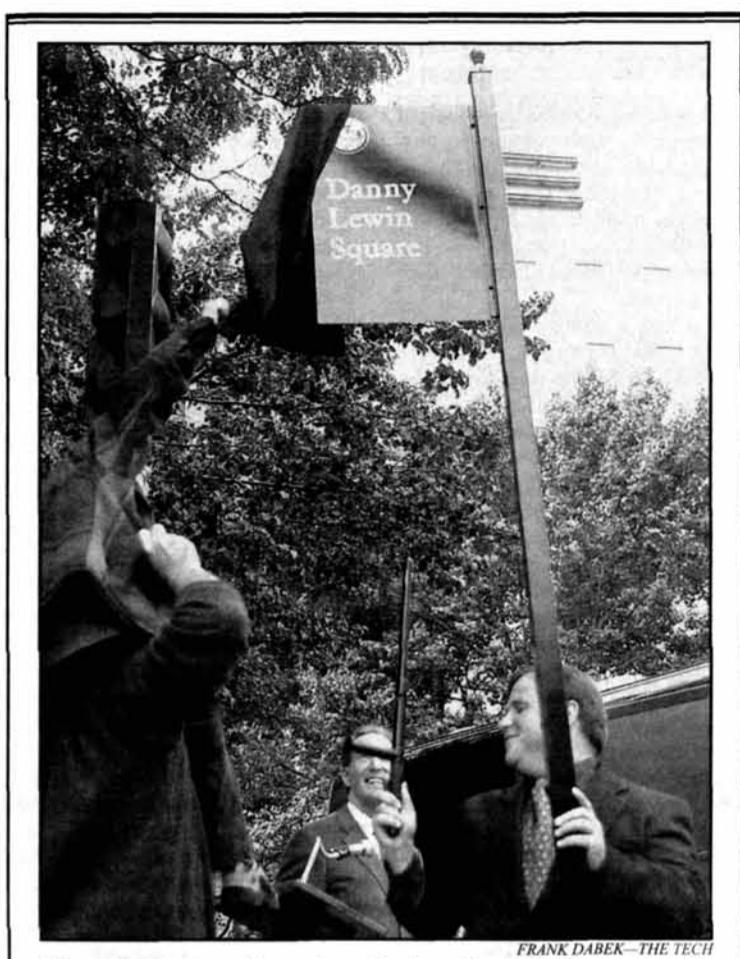
By Jenny Zhang

STAFF REPORTER

Dean for Student Life Larry G. Benedict has allocated about a third of the \$400,000 his office receives from a new \$200-a-year student fee that supports the Zesiger Sports and Fitness Center and other student activities.

Fifty thousand dollars has been allocated to the new program "Assisting Recurring Cultural And Diversity Events," said Jennifer S. Yoon '03, the president of the Association of Student Activities.

ARCADE will "support recur-



Eitan Lewin unveils a sign designating the Danny Lewin Square with assistance from Cambridge Mayor Michael Sullivan. The square, at the intersection of Main St. and Vassar St., was named in honor of his father Daniel Lewin SM '98, an MIT graduate and co-founder of Akamai Technologies. Lewin was killed on Sept. 11, 2001 while aboard American Airlines flight 11, which crashed into the north tower of the World Trade Center.

August F. Witt

Professor August F. Witt, a longtime faculty member in the Department of Materials Science and Engineering, died Oct. 7 of gastric cancer. He was 71.

Witt was known not only for his research in electronic materials, but also for his years of devotion to teaching undergraduates. Witt taught Introduction to Solid State Chemistry (3.091) for more than 20 years, teaching half of MIT's undergraduates, said Professor Merton C. Flemings '51, a former department head.

Professor Subra Suresh, the current head of the department, praised Witt for his commitment to undergraduates. "His passion for undergraduate teaching and his strong concern for the welfare of the MIT undergraduates were extraordinary," Suresh said.

Witt studied with Joliot-Curie

Witt was born in Innsbruck, Austria, in 1931. He

conducted graduate research in Paris from 1953-54 with Irene Joliot-Curie, a 1935 Nobel laureate in chemistry. His study of nuclear chemistry led him to radiation research at the Atomic Energy Research Establishment in Harwell, England, and he received his PhD in physical chemistry from the University of Innsbruck in 1959.

Shortly after, Witt came to MIT as a research associate in what was then the Department of Metallurgy. Two years later, in 1962, he was named an assistant professor; his research focused on the processing and characterization of electronic materials. He was promoted to full professor in 1972.

Research earned many awards

Witt earned numerous awards and honors

Witt, Page 15

Because of the Columbus Day holiday Monday and Tuesday, *The Tech* will not publish on Tuesday. The next issue will be Friday, Oct. 18.



Comics

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OPINION

Andrew C. Thomas explains the secrets behind MIT masochism.

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MIT Hits Goal Early In Capital Campaign

By Jennifer L. Wong

Two years before its completion, the MIT Capital Campaign has already reached its original goal of raising \$1.5 billion for the Institute. As a result, the MIT Corporation extended the campaign's fundraising target to \$2 billion at its meeting on Oct. 4.

"This demonstrates a deep belief on the parts of many individuals and foundations that what we do at MIT is really important," said President Charles M. Vest.

This is the campaign's second extension because of larger-than-expected donations. Originally, MIT officials discussed a \$1 billion fundraising drive, but by the campaign's formal kickoff in November 1999, the Alumni Fund Board had decided to increase the target to \$1.5 billion.

The campaign has already raised twice as much money as the previous capital campaign, which amassed \$710 million from 1987 to 1992. The current campaign's \$1.5 billion tally includes donations received since 1997.

Alumni support critical, Stata says

"The success of this campaign

will be built on renewing the connection with those who know MIT best, her alumni and alumnae," said Raymond S. Stata '57, the campaign's chairman.

"MIT has had an enormous impact on society and on people's lives, and I see this campaign as a catalyst to enable MIT to make great things happen in the future," he said.

Money to be spent on aid, Vest says

For the added \$500 million, the "primary emphasis will be placed on financial aid at both the undergraduate and graduate level, the broad student life and learning agenda, and our capital projects," Vest said.

"Our trustees endorsed raising the goal because they believe it is imperative that we maintain the momentum of MIT, especially during these financially challenging times," he said.

"The Campaign will continue to seek support for the core needs of students, faculty and the infrastructure to support them," Vest said. "The goal is simply to enhance and sustain excellence and innovation in education and research, and access to it."

Bids and Pledges

The following numbers reflect the numbers reported to the Interfraternity Council as of 8 p.m. Thursday night. They are subject to change, since many bids are still open.

| Fraternity/ ILG | Bids | | | | Cross-rushes | | |
|--------------------|----------|------|----------|---------------------|--------------|------|------|
| | Extended | Open | Accepted | Declined/ Closed | Won | Lost | Open |
| ADP | 7 | 4 | 2 | 1 | 0 | 1 | 1 |
| AEP | 17 | 7 | 7 | 3 | 1 | 2 | 1 |
| ATO | 15 | 2 | 11 | 2 | 7 | 0 | 2 |
| BTP | 10 | 4 | 4 | 2 | 1 | 2 | 2 |
| CP | 18 | 2 | 15 | 1 | 6 | 1 | 1 |
| DKE | 9 | 4 | 0 | 5 | 0 | 5 | 3 |
| DTD | 23 | 0 | 19 | 4 | 3 | 3 | 0 |
| DU | 17 | 1 | 12 | 4 | 2 | 4 | 1 |
| ET | 16 | 11 | 3 | 2 | 0 | 2 | 1 |
| Fen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KS | 19 | 1 | 7 | 11 | 2 | 11 | 1 |
| LCA | 8 | 3 | 4 | 1 | 2 | 1 | 3 |
| No. 6 | 10 | 2 | 8 | 0 | 0 | 0 | 0 |
| ND | 13 | 0 | 11 | 2 | 3 | 1 | 0 |
| PBE | 31 | 3 | 21 | 7 | 5 | 6 | 2 |
| PDT | 21 | 6 | 9 | 6 | 3 | 6 | 3 |
| PKS | 18 | 3 | 11 | 4 | 1 | 2 | 0 |
| PKT | 24 | 6 | 13 | 5 | 1 | 5 | 3 |
| PSK | 24 | 4 | 17 | 3 | 9 | 2 | 2 |
| PLP | 14 | 0 | 11 | 3 | 2 | 0 | 0 |
| pika | 7 | 6 | 1 | 0 | 0 | 0 | 1 |
| SC | 14 | 1 | 10 | 3 | 2 | 2 | 1 |
| SN | 13 | 0 | 13 | 0 | 1 | 0 | 0 |
| SPE | 11 | 9 | 0 | 2 | 0 | 2 | 5 |
| Student | 9 | 9 | 0 | 0 | 0 | 0 | 0 |
| TEP | 9 | 5 | 4 | 0 | 1 | 0 | 1 |
| TC | 13 | 2 | 11 | 0 | 2 | 0 | 0 |
| TDC | 14 | 1 | 8 | 5 | 0 | 4 | 0 |
| TX | 11 | 5 | 3 | 3 | 1 | 2 | 0 |
| WILG | 9 | 8 | 1 | 0 | 0 | 0 | 0 |
| ZBT | 20 | 1 | 12 | 7 | 0 | 3 | 0 |
| ZP | 20 | 0 | 15 | 5 | 4 | 1 | 0 |
| Total | 464 | 110 | 263 | 91 | | | |

SOURCE: INTERFRATERNITY COUNCIL

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WORLD & NATION

Kertesz Wins Nobel in Literature

LOS ANGELES TIMES

ROME

Hungarian writer Imre Kertesz, a survivor of Auschwitz who made the experience of the Holocaust a central theme of his work, won the Nobel Prize in literature Thursday.

In announcing the award, the Swedish Academy singled out Kertesz's 1975 debut novel "Fateless," the semi-autobiographical story of a boy sent to Nazi concentration camps who conforms and survives — partly by developing an extraordinary detachment to what is happening to him. In the novel, the terrifying reality of the camps is taken for granted, as a given of the hero's situation.

"The shocking credibility of the description derives perhaps from this very absence of any element of the moral indignation or metaphysical protest that the subject cries out for," the academy said.

Kertesz's writing also carries a broader symbolism, the academy said, exploring how one can live and think as an individual when people are severely repressed by society. His work "upholds the fragile experience of the individual against the barbaric arbitrariness of history," it said. "For him, Auschwitz is not an exceptional occurrence. It is the ultimate truth about human degradation in modern experience."

Pakistan's Ruling Party, Opposition in Tight Race

LOS ANGELES TIMES

ISLAMABAD, PAKISTAN

As workers counted millions of ballots Thursday, early unofficial results in the first general election since a 1999 coup suggested that allies of President Pervez Musharraf were locked in a tight race with the leading opposition party for control of parliament.

Projections based on initial counting of ballots for the National Assembly's 272 seats and exit polls indicated the Pakistan People's Party of exiled former Prime Minister Benazir Bhutto holding a slight lead over the Pakistan Muslim League-Q, a staunch Musharraf ally that broke away from a major party.

The original PML party and an alliance of six Islamic parties that campaigned on an anti-U.S. platform are competing for third place in the parliament, according to the early tallies.

The election commission has not released any official results, which are not expected until later Friday at the earliest.

Advisory Panel Urges End To Gene Therapy Suspension

THE WASHINGTON POST

New tests offer overwhelming evidence that a leukemia-like disease diagnosed in a three-year-old boy in France was triggered by the experimental gene therapy he received as a baby, the first proof that the nascent and troubled field of medicine can cause cancer.

Nonetheless, because of the treatment's track record of having apparently cured several children and because the risk of cancer so far appears to be modest, a federal advisory committee Thursday recommended that the FDA reverse its recent suspension of such studies and allow them to continue with new restrictions and protections in place.

"All of us are scared about it and are aware that this has implications," said Daniel Salomon, chairman of the FDA's Biological Response Modifiers Advisory Committee, which met in an emergency session Thursday at a Gaithersburg, Md., hotel. "However, one adverse event, serious as it is in the context of the whole field ... is not enough to advise the FDA to put all these programs on hold."

The FDA in September halted the three U.S. gene therapy studies that most closely resembled the French experiment, including one that had already treated four children and two that had not yet recruited volunteers. The studies involve infusions of engineered retroviruses to deliver healthy genes into patients with life-threatening immune system deficiencies.

Senate, House Vote to Allow Use of Military Force In Iraq

By Janet Hook and Nick Anderson

LOS ANGELES TIMES

WASHINGTON

A measure to authorize the use of military force against Iraq won final congressional approval early Friday, giving President Bush a strong bipartisan mandate and broad power to challenge an adversary who has bedeviled the United States for more than a decade.

Ending a somber debate that pushed past midnight, the Senate voted 77-23 for the resolution. The action came hours after the House gave its approval on a 296-133 vote.

The votes gave Bush a decisive victory as he attempts to build international support for a concerted effort to disarm Iraqi President Saddam Hussein of his regime's suspected weapons of mass destruction. It was the second time in his presidency that Bush has won congressional authorization to use force, a development that could lead to a major new phase of military action for a nation already at war against terror.

In a statement after the House vote, Bush said: "The House of Representatives has spoken clearly to the world and to the United Nations Security Council."

"The gathering threat of Iraq

must be confronted fully and finally," he said.

If diplomacy fails, the congressional resolution clears the way for Bush to launch a military strike in one of the most volatile regions of the world. The measure is a foreign policy milestone that could mark the beginning of a long, potentially costly U.S. commitment in the Middle East.

With that in mind, many lawmakers expressed the hope that the resolution will make it less likely that force will actually need to be used.

"I strongly believe that our diplomacy will achieve its purpose only if the Iraqi regime knows that a sword of Damocles hangs over its head," said Rep. Tom Lantos (D-Calif.) on Thursday.

But opponents warned that, by allowing Bush to launch a unilateral first strike if he chooses, the resolution represents a troubling shift away from long-standing U.S. strategy of eschewing preemptive attacks.

The resolution gives Bush the power to use any means he determines necessary and appropriate—including military force—to respond to the perceived threat posed by Iraq.

Bush has said repeatedly that he has not decided whether to resort to war. If he does, the resolution

requires Bush to certify to Congress, within 48 hours after the launch of a military strike, that diplomatic avenues had proved fruitless and that an attack was "consistent" with ongoing efforts to fight terrorism.

In the Senate, key lawmakers who voted for the resolution included Majority Leader Tom Daschle, (D-S.D.), and Dianne Feinstein (D-Calif.). [Massachusetts' delegation was split, with John Kerry (D-Mass.) voting for and Edward Kennedy (D-Mass.) voting against the resolution.]

The Senate debate stretched deep into the night as senators rose, one after another, to go on the record in one of the most significant votes of the past dozen years. Shortly before midnight, for instance, Sen. John Ensign (R-Nev.) declared that the time had come to face down Saddam.

"The longer we wait, the stronger he becomes and the harder he will be to defeat," Ensign said.

But Sen. Bob Graham (D-Fla.), chairman of the Senate Intelligence Committee, blasted the resolution as "too timid," arguing that Congress should have broadened the resolution to give Bush even greater authority to attack international terrorists.

Ballistics Tests Show Dead Man Ninth Killed by Fugitive Sniper

By Stephen Braun

LOS ANGELES TIMES

ROCKVILLE, MD.

Ballistics tests confirmed Thursday that a Maryland man slain by a distant gunshot at a Virginia gas station was the ninth victim of the armed serial killer circling the Washington Beltway, police officials said.

Northern Virginia police investigators said Dean Harold Meyers, 53, a civil engineer, was shot dead Wednesday night at a service station in the town of Manassas as he stood near his gray Mazda. Prince William County police and federal firearms agents said Meyers was killed by a single burst of gunfire — identical to .223-caliber rounds that have killed six others and wounded

two over the past week in suburban Maryland and Virginia, and in Washington, D.C.

Even before an autopsy yielded bullet fragments connecting Meyers' slaying with the other victims, police concluded that the rifle-wielding assailant had struck again. The pattern was strikingly similar to two service station killings committed by the sniper last week during a 16-hour shooting spree in suburban Maryland — a solitary shot fired from hundreds of yards away with near-pinpoint accuracy.

"The fact this happened at a service station, the individual being shot just before gassing the vehicle, the circumstances speak for themselves," said Prince William Police Chief Charlie Deane.

The latest slaying was a taunting reminder of the sniper's ability to roam the Washington region's highways at will, leaving residents vulnerable and confounding officials struggling to return schools and commerce to normal routines.

"This is clearly urban terrorism," said Montgomery County State's Attorney Douglas F. Gansler, whose prosecutors are part of a law enforcement task force hunting the killer. "This guy has injected fear into this community down to the marrow."

Public officials across the Washington region continued to take precautions, limiting outdoor activities at schools, sending police to patrol campuses and urging residents to remain vigilant.

WEATHER

A Second Chance Weekend

By Greg Lawson

STAFF METEOROLOGIST

The current synoptic situation is a bit messy. Aloft we have a strong trough forming in the jet stream over the Northern Plains, which will strengthen and eventually cut off as the weekend progresses. Having a trough in the middle of the country means that the prevailing steering winds will tend to bring surface disturbances up the east coast. It just so happens that there is a large, weak disturbance covering the lower half of the east coast, which has already delivered moderate amounts of rain to those states. The models predict this mess should organize, most likely aided by the landfall Tropical Depression Kyle, strengthen, and creep northward. It is clear that the system is rain-bearing, but it is not clear how soon it will reach New England (if at all).

I am anticipating a slow northward progression, so I will say that rain is very likely Friday night and through most of Saturday. Chances for showers should linger through Sunday as the system slowly clears out of the area. Regardless of the amount and timing of any precipitation, the weekend should be cool, damp, and grey. Luckily, it's a holiday weekend, so we will all be able to enjoy a clear, if not chilly, Monday and Tuesday.

Extended Forecast

Today: Overcast. Easterly winds picking up through the day. High 61°F (16°C).

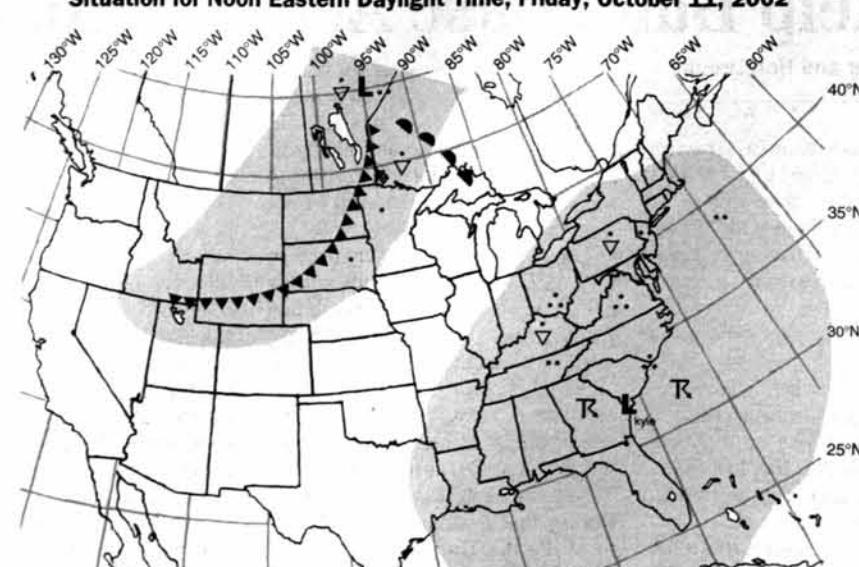
Tonight: Overcast with rain beginning late. Winds continue to strengthen. Low 54°F (12°C).

Saturday: Rainy and breezy. High of 60°F (16°C), low of 53°F (12°C).

Sunday: Cloudy. Possibility of intermittent showers. High in the low 60s F (16-18°C). Low around 50°F (9-11°C).

Columbus Day and Beyond: Clearing skies and cooler temps. Highs in the mid 50s F (12-14°C), lows around 40°F (4-6°C).

Situation for Noon Eastern Daylight Time, Friday, October 11, 2002



Weather Systems

- H** High Pressure
- L** Low Pressure
- §** Hurricane

Weather Fronts

- - -** Trough
- Warm Front
- ▲▲▲** Cold Front
- △△△** Stationary Front

Precipitation Symbols

| | |
|----------|------|
| Snow | Rain |
| * | • |
| ▽ | ▽ |
| Light | * |
| Moderate | ** |
| Heavy | *** |

Other Symbols

- Fog
- R** Thunderstorm
- ∞** Haze

Compiled by MIT Meteorology Staff and *The Tech*

Bush Invokes Taft-Hartley Act, Forces Open West Coast Ports

By Peter G. Gosselin and James Gerstenzang
LOS ANGELES TIMES

WASHINGTON

When President Bush invoked a rarely used labor law to force the reopening of West Coast ports earlier this week, he struck a double blow: one against what government lawyers argued was a threat to economic and national security, and a second against a potential threat to Republican political security.

Bush's first use of the Taft-Hartley Act in nearly a quarter century followed a carefully choreographed process in which business groups and administration officials ratcheted up warnings about the economic and military dangers of the shutdown while the president stayed above the fray.

Even when he finally acted, Bush was careful to appear even-handed, noting in an executive order, for example, that the shutdown was the result of a management "lockout" rather than a strike by workers.

But a close look at the president's

actions suggests that they were motivated by more than the immediate effects of the shutdown.

Recent polls show that even as official Washington is riveted by the prospect of war with Iraq, ordinary Americans are more concerned about the fragile state of the economy. By putting an end to the shutdown, Bush was able to act decisively on both issues, and to present himself as addressing voter worries.

Bush "may have legitimate concerns about the shutdown, but his actions have the happy side effect of making him look like he's doing something about the economy," said American University political scientist James A. Thurber.

The most recent poll on voters' concerns, a survey by the nonpartisan Pew Research Center released Thursday, found that 55 percent of people questioned identified the economy as the single issue they most wanted candidates to address in the fall elections, up from 20 percent in June and far ahead of the 22 percent who are most concerned about the war on ter-

rorism.

"People recognize the importance of the war; they're concerned about terrorism," said center director Andrew Kohut. "But if you think politically, the economy is closer to home for most people."

In entering the fray and putting a stop to the shutdown, Bush had to traverse some tricky political terrain, according to aides and observers. He had to reassure the GOP's traditional business base that he would act, yet hold off until the damaging consequences of the lockout were widely apparent. He had to hang onto what few labor allies the Republican administration has, especially those in the Teamsters union, and not anger pro-labor Democrats in Congress whose backing he needs on Iraq and other issues.

The administration handled its business base by intervening early in contract talks between the Pacific Maritime Association and the International Longshore and Warehouse Union, and by threatening drastic action if no settlement were reached.

Anti-American Sentiment Expands In Persian Gulf, Two Marines Shot

By Rajiv Chandrasekaran
THE WASHINGTON POST

KUWAIT

In the early 1990s, Kuwaiti shopkeepers would give American customers the "George Bush discount," a few percent off to express thanks to the United States for leading a military coalition to expel Iraqi invaders.

Americans still are welcomed here, but feelings on the street are notably less enthusiastic and universal than they were a decade ago, according to Kuwaitis and long-time American residents. Many Kuwaitis say that while they remain grateful to the United States, they are outraged by what they perceive as growing U.S. bias toward Israel and against the Palestinians.

A small but vocal minority goes even further, insisting that U.S. troops should vacate this tiny Persian Gulf country, sentiments highlighted by the shooting of two U.S. Marines here on Tuesday by Kuwaiti gunmen identified as Islamic activists.

Similar anti-American attitudes have been bubbling forth in other U.S. allies in the Persian Gulf, including those closest to Washington. The resentments pose complex new challenges for the region's

leaders, who seek to maintain close ties with the United States, and for U.S. military planners who hope to use gulf nations as bases for a possible attack against Iraq.

"There's a debt of gratitude here, but it's not as strong as it used to be," said Leigh Gribble, a former U.S. Navy attache in Kuwait who now runs a regional security consulting firm. "If you were to ask for that discount now, they'd just laugh at you."

Although the U.S. military has faced hostility in Saudi Arabia before, including two bombings against installations connected to the U.S. military, expressions of anger and incidents of violence directed at Americans are relatively new in places such as Kuwait, Bahrain and Qatar — small, Persian Gulf nations whose pro-Western governments have permitted U.S. troops on their soil to enhance their security and their relations with Washington.

In Qatar, a gunman opened fire last fall on American and Qatari troops guarding an air base used by U.S. military aircraft. In Bahrain, where the U.S. Navy's Fifth Fleet is based, anti-American protesters lobbed Molotov cocktails inside the U.S. Embassy compound earlier

this year, leading police to fire rubber bullets and tear gas. And most recently, two Kuwaiti men shot at a group of U.S. Marines conducting urban-warfare exercises on an island off Kuwait City on Tuesday, killing one Marine and wounding another.

The Bahrain protest was prompted by anger at U.S. policy toward Israel. The motive for the Kuwait shooting remains unclear. But Kuwaitis who knew the two shooters — killed by the Marines after the attack — have said the two likely were motivated by fury over Israeli military action against Palestinians, which many here believe is condoned by the U.S. government. The brother of one gunman said they were driven to violence by television footage of an Israeli missile strike in the Gaza Strip that killed 10 Palestinians.

"There is a lot of disapproval with America's foreign policy toward Israel," said Mohammed Musfir, a professor of political science at Qatar University. "People are not happy with what's going on. What happened in Kuwait is a message. It could happen in Bahrain. It could happen in Oman. It could happen anywhere in the region where Americans are."

White House Pressures CIA Analysts To Help Build Case Against Saddam

By Greg Miller and Bob Drogin
LOS ANGELES TIMES

WASHINGTON

Senior Bush administration officials are pressuring CIA analysts to tailor their assessments of the Iraqi threat to help build a case against Saddam Hussein, intelligence and Congressional sources said.

In what sources described as an escalating "war," top officials at the Pentagon and elsewhere have bombarded CIA analysts with criticism and calls for revisions on such key questions as whether Iraq has ties to the al-Qaida terrorist network, sources said.

The sources stressed that CIA analysts — who are supposed to be impartial — are fighting to resist the pressure. But they said analysts are increasingly resentful of what they perceive as efforts to contaminate the intelligence process.

"Analysts feel more politicized and more pushed than many of them can ever remember," said an intelli-

gence official, speaking on condition of anonymity. "The guys at the Pentagon shriek on issues such as the link between Iraq and al-Qaida. There has been a lot of pressure to write on this constantly, and to not let it drop."

The pressure has intensified in the weeks leading up to this week's debate in the Senate on a resolution granting President Bush to pursue a military invasion of Iraq.

Evidence of the differences between the agency and the White House surfaced publicly this week when CIA Director George J. Tenet sent a letter to lawmakers saying that Saddam was unlikely to strike the United States unless provoked.

That was at odds with statements from President Bush and others that Iraq poses an immediate threat. In a speech Monday in Cincinnati, President Bush said the danger Iraq poses to the United States "is already significant, and it only grows worse with time."

Several lawmakers voiced frustration with the way intelligence is being used in the debate on Iraq.

"I am concerned about the politicization of intelligence," said Sen. Dianne Feinstein (D-Calif.), who echoed complaints of other members that the administration has been selective in the intelligence it cites, overstating its case in many instances.

Classified material provided recently by the CIA on Iraq's capabilities and intentions "does not track some of the public statements made by senior administration officials," Feinstein said.

Outside experts say they too see growing cause for concern.

"The intelligence officials are responding to the political leadership, not the other way around, which is how it should be," said Joseph Cirincione, nonproliferation expert at the Carnegie Endowment for International Peace. "The politics are driving our intelligence assessments at this point."

Protestants Get Prison Instead of Death

THE BALTIMORE SUN

BEIJING

Five leaders of an underground Protestant sect, spared execution by a Chinese court, received sentences of up to life in prison Thursday after a rare retrial on criminal charges, a human-rights group said.

The unusual death-penalty reprieve for the evangelical leaders comes just two weeks before Chinese President Jiang Zemin is to visit President Bush at his Crawford, Texas, ranch, and analysts say the timing is no coincidence. Bush has criticized China in the past for its tight controls on religion, and China often tries to soften its image just before U.S.-China summits.

"Because religious persecution is such a strong issue with the current administration, right before Jiang Zemin comes to visit the United States in such a sensitive area," said Xiao Qiang, executive director of New York-based Human Rights in China. "They are carefully trying to avoid criticism from the U.S. However, sentencing these people to life sentences is quite serious."

Gong Shengliang, founder of the South China Church, and Xu Fuming and Hu Yong, of the banned religious group, were given life sentences Thursday after a two-day retrial in Jingmen Intermediate People's Court, according to a statement issued by the Hong Kong-based Information Center for Human Rights and Democracy.

Two other members who had been given delayed death sentences were sentenced to 15-year prison terms. All five plan to appeal, the center said.

New Federal Label Standardizes Meaning of 'Organic'

LOS ANGELES TIMES

Shoppers who want to buy organic foods can be bewildered by the labels' often fuzzy claims, and may even suspect that the edibles they're paying a premium for aren't truly pesticide- or hormone-free. After all, terms such as "organically produced," "pesticide free," "100 percent natural," or even "certified organic" aren't guarantees of purity.

But new government-approved labels, which will debut in two weeks, should eliminate some of that guesswork. Under the guidelines, foods must meet strict U.S. Department of Agriculture production criteria to be identified as "organic," and only products that contain 95 percent or more organic food can carry the USDA organic logo.

Previously, private certifying agencies and a patchwork of regulations, which varied by state, determined which products could claim to be organic. Some standards were more lax than others. Consequently, consumers had no assurances what labels meant.

"Anyone could slap on the word 'organic' and hike up the price," said Barbara C. Robinson, the USDA official in Washington, D.C., who is overseeing this program. "Now standards are uniform nationwide, and consumers know what they're getting. It helps the organic food industry too, because now they know exactly what to do."

After 10 years of intense debate among organic growers and retailers, conventional farmers, consumers, environmentalists and animal rights activists, the USDA has created four organic categories: 100 percent organic, organic, made with organic ingredients and, for those products with less than 70 percent organic ingredients, a simple listing of the organic items in the ingredient panel.

But the USDA's definition of "organic" goes beyond defining whether or not the food has been sprayed with chemicals. The organic label can't be used on products made with genetically modified ingredients, synthetic chemical fertilizers or pesticides, or sewage sludge, which is sterilized waste that can contain heavy metals such as lead and mercury. Nor can it be used on products that have been irradiated, a process in which radiation is used to kill germs.

FCC Rejection of Hughes, EchoStar Merger Opens Door for Murdoch

LOS ANGELES TIMES

News Corp. may be the biggest beneficiary of a decision Thursday by federal regulators to reject a proposed merger of the United States' two satellite providers, Hughes Electronics Corp. and EchoStar Communications Corp.

The media giant controlled by Rupert Murdoch negotiated with Hughes' parent General Motors Corp. for more than a year before it was trumped last October by a surprise 11th-hour bid for Hughes by its smaller satellite rival, EchoStar.

Now, with that deal rejected by the Federal Communications Commission, Murdoch is expected to launch another bid for Hughes, which owns the leading satellite provider, DirecTV. News Corp. may be able to snatch it up at a much cheaper price than a year ago, filling in a U.S. gap in the company's global satellite business.

September Retail Sales Were Sluggish, Raising Holiday Fears

NEWSWEEK

September's retail sales reported Thursday were surprisingly sluggish, which observers said could portend a not-so-jolly holiday season.

Before the month began, analyst Michael Niemira of Bank of Tokyo-Mitsubishi figured overall same-store sales could rise 4.5 percent, particularly since results were being compared against September 2001, when spending came to a halt after the terrorist attacks.

Instead, 79 retail chains combined to post an anemic 1.5 percent gain. Federated Department Stores, parent of Macy's and Bloomingdale's, had flat sales last month compared with September 2001 but that wasn't saying much: In September 2001 its sales tumbled 13 percent.

Last month's weakness "makes it much more likely the holiday performance will look much softer," Niemira said.

Analyst Walter Loeb cited several factors, including talk of war, stock market jitters, job insecurity, a lack of exciting fashions and unseasonably warm weather. "Everyone's been hit with a lack of traffic," he said.

OPINION



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Letters To The Editor

Delta Fares Fair

Regarding *The Tech*'s article "Planes, Trains, and Chinatown Buses" [Oct. 4]:

Delta had discontinued their "Youth Shuttle Pack" last fall, but it was reinstated this past August. A four-pack runs about \$265, the eight-pack runs about \$465.

Outside of the youth fare, you are able to buy a ticket for less than 100 dollars each way. For a round trip ticket that you buy seven days in advance, it is about \$123.50. For a one way ticket you buy at least 3 days in advance, you will pay about \$63.

The problem is if you decide the day of that you want to fly to New York — thus I would recommend you buy the Youth Shuttle pack, whose coupons are valid for one year from the date you buy them.

In addition, Delta has a guarantee that says if you will get from check-in to the gate in less than 20 minutes or you get 20,000 SkyMiles. On top of this, I have shown up

10 minutes before departure time, and have had no problem getting onto that flight. You do not need to be at the airport one hour in advance.

Linda Yu '02

Illogical Expectations

Believing that war will "bring democracy" to Iraq ["Illogical Arguments," Oct. 8] is difficult without wilful blindness towards both history and the present administration's stated intentions.

In 1988, when Hussein (then a useful ally) had 5000 Iraqi Kurds gassed in 48 hours, the American response was not to bomb, or even complain, but instead to continue supplying Iraq with weapons, training and intelligence. Today, the same Kurds are brutalized in nearby Turkey, one of the largest recipients of U.S. military aid. Predicting the future after "regime change" isn't difficult: high on the Administration's wish

list of strong men for a post-Saddam Iraq is none other than the infamous General Nizar Al-Khazraji who headed the 1988 massacre, and who kicked a small Kurdish child to death in the same year.

There are indeed many "illogical arguments" circulating around the war on Iraq, and believing fairy tales about "good and evil" and "democracy and terrorism" are responsible for many of them.

Aram Harrow G

Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, features editor, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World Wide Web at <http://the-tech.mit.edu>.

Errata

A Tuesday article about Rush ["FILGS Recruit 236 Over Weekend"] included several comments attributed to Rupesh R. Kanthan '04, the Sigma Phi Epsilon vice president for recruitment. The interview has been called into question and *The Tech* can no longer stand by it. Though the reporter believed he was speaking with Kanthan, it appears another individual answered the phone and gave the comments reported. Efforts to reach this individual again were unsuccessful, and it was unclear whether he intentionally impersonated Kanthan.

Consequently, the article misstated the number of bids extended by Sig Ep. As of Thursday evening, the fraternity had extended 11 bids, not 15. No students had yet pledged, as reported.

A Tuesday article on the Ig Nobel Ceremony ["Ig Nobel Ceremony Hails Science's Laughable Achievements of the Year"] referred incorrectly to "the Switzerland Nobel Prize Ceremony." Nobel Prizes are awarded at ceremonies held in Sweden and Norway, not Switzerland.

The article also incorrectly referred to a "Dr. Norio" as the "Kogure Executive Director" of Kogure Veterinary Hospital. Dr. Norio Kogure is the executive director of the Kogure Veterinary Hospital.

Locked Stock

Philip Burrowes

MIT is supposed to open doors to us that would otherwise be out of our reach. Why, then, are so many actual doors physically locked? Is it merely a necessity of security? Are these doors actually locked, or is it a test to see who can obviate opening them in accessing the plunder they hold? The answers may surprise you.

Lecture Hall 10-250 is home to many evil and boring classes, with the occasional fascinating lecturer or a capella concert shuttled into its soporific structure. As anyone should know, entering the room brings one right behind the arena, or ground floor, with stairs ascending on either side. Whenever one attempts to enter the room after it begins to swell with listeners, one is visible to nearly everyone who has already found a place.

Between 10-250 and Building 13, however, lies a rear entrance to the hall. One need not brave the disapproving eye of the already-arrived crowd; simply sneak behind the A/V-booth and peer around pillars until one has spied a seat, or maybe even secret oneself in the stairwell. That way you don't disturb the lecture, and self-consciousness need not get the best of you. Yet one problem remains: this door is regularly locked.

Let us look at the logical reasons for locking the door. Oh, wait, there are none. You can enter 10-250 from the double doors any time, so security is not being preserved. It is impossible to lock from the inside, so if there were a fear of students sneaking out when they should be sleeping, this does not solve the problem. Clearly, the intent is indeed to embarrass people when they enter late. What is surprising is not that the administration has resorted to such a cheap trick, but that they have not instituted a similar feature to 54-100's rear, or shifted the entrance dynamics of 26-100. Perhaps the relative discomfort one feels in those even more depressing halls suffices.

Many other buildings have doors that are locked, often by password, yet are still accessible in roundabout ways. Building 66 is rather readily accessible through the entrance between buildings 16 and 56, yet its direct entrance becomes accessible only with an ID card during the evening. Across the street, buildings E17-19 have their Ames Street entrances locked at evening as well, and this time only card-carriers with special clearance may enter. Still, they are accessible through E23/25 (which in turn has the generic card lock), albeit a more convoluted connection than 56 to 66. There appears to be some notion of psychologically selective permeability, i.e. locking off conventional routes will deter the riffraff, who will not bother to seek out additional options. Exactly why these buildings are selected would require a laborious deconstruction of the internal hierarchy of the Institute.

One locked door which may give us a hint at the broader strata lies in Far East Campus. E51-53 (and E40, which, like, totally clashes with the color scheme) are all connected above ground. Almost totally out of step with the rest of campus, the E5xs have open front doors. The Tang Center for Management Education pretends to lock itself though it's card-accessible, but Sloan goes as far as to leave an open door on its Memorial Drive side. Given the concentration of graduate and master's students in the area, a strange race that keeps even odder hours than the undergraduate, it would seem like an act of benevolence. Yet deep within the recesses of this Sloanie playground lies a bastion of "actual" science: the Economics Department. Sure enough, a keypad lock (a Sloanie can steal a card but can't remember numbers) prevents Sloanies from venturing too close to the department's secrets, lest upon encountering actual work they explode into pure energy and hurtle in the diametrically opposite direction. HASS and STS students that frequent the bowels of Tang theoretically fit the same description, but theirs is a sordid story of hybridization unbefitting a fine family paper.

Some locks are impossible to avoid and simply inexplicable. The Stratton Center Game Room, now that it has been moved up in the place of Transitions, is supposed to be locked at midnight. As it has only two entrances, once locked there is no recourse (and perhaps no escape, but now we're getting ridiculous). Given the lack of surveillance in the area, the difficulty in stealing an arcade game, and the fact that nobody at MIT has gone to bed by midnight, it is difficult to see a rationale behind the decision. No, it appears sometimes they're just jerks.

MIT OpenCourseWare

Are We Sharing Too Much?

Guest Column

W. Victoria Lee

September 30 marked the debut of the unprecedented MIT OpenCourseWare project on the Internet. At first, I did not believe that MIT was going to make course material available online to the world free of charge. After all, only a few weeks earlier I was talking with my recitation class about why the lecture videos have become certificate-guarded. What leads to the change? After having both read about the project in the newspapers and actually visited the Web site, I have come to understand the benefits that the project will bring, but I have also developed some doubts.

The project is intended to help people learn around the world, which, I have to say, is very generous and thoughtful on MIT's part. Although renowned for its outstanding research, MIT is also known for the excellent quality of its education. Making its academic materials available to the public shows that MIT cares not only about the education of its students, but also about that of students all around the world. The notes, videos, and handouts posted on the site can benefit individuals who wish to learn more about a certain subject, instructors who wish to provide more learning materials for their students, eager high school pupils who feel that they are not learning well

enough at their secondary schools, and even people who are unable to receive education in the traditional way. All of these are the project's impact on the society, and these are great and laudable impacts. Just when I was about to give the computer monitor a high five to celebrate this ingenious endeavor to serve the world's academic community, I came to a halt and asked, "They're posting lecture videos, too?"

For a moment I was actually quite indignant. The math just does not add up when I think about the number of digits on my bursar bills it takes to get me a seat in the lecture hall while somebody else in another corner of the world is watching the same lecture for free. But of course, college experience is more than just classroom learning. Truly, there are things that simply cannot be replaced by the Internet: MIT's atmosphere, research opportunities, excellent faculties, and plethora of resources, just to name a few. Not to forget that, as the project Web site indicates, "the most fundamental cornerstone of the learning process at MIT is the interac-

tion between faculty and students in the classroom, and among students themselves on campus." In addition, OpenCourseWare does not grant degrees or involve information exchange between the learner and the MIT faculty. Therefore, the project is not offering the entire MIT experience over the Internet.

Nevertheless, providing lecture videos somehow enters the gray region. Course materials and texts should not differ too much in similar classes among colleges, but it is the way these materials are incorporated and taught by the instructors that makes the course and even the college unique. In any case, being in the classroom is part of what constitutes the MIT experience. The lecture videos alone do not provide interactive learning *per se*, but along with other available course materials such as simulations, graphics, and tutorials, they do come pretty close to creating virtual learning environments. Sharing is a wonderful thing, but are we sharing too much? After all, many of us did decide to put on a heavy financial load on our shoulders because we believed that we would be listening to world-class lectures unique to MIT. This is also probably the reason that, for some classes, lecture videos on the web now require certificates to access.

Clearly, OpenCourseWare, as the project's fact sheet indicates, is not intended to be "a substitute for an MIT education" or even "a distance

learning initiative." At less academically rigorous colleges, MIT quality education will not even be remotely imitated with the aid of OpenCourseWare. But for those of us who were painfully vacillating between attending a top-notch public college with excellent faculty and attending MIT, how do we draw the line between attending the public school and paying much less, and attending the institution while whatever we might be missing at the public school can be filled in with the aid of the MIT OpenCourseWare?

I may be foolish. I may be selfish to even have these questions. But even with all my doubts, I raise both hands in favor of the project. But the bottom line is, most of us worked very hard to be here and most of our parents worked maybe even harder to send us here. Wouldn't it be nice if we could keep not only the MIT experience, but also the lecture part of "the content of an MIT education" distinctively MIT?

W. Victoria Lee is a member of the Class of 2006.

Unreasonable Sanctions

Guest Column

Janis Sermulins

The fact that Iraq is predominantly Muslim does not mean it is going to attack the United States. The recent history of Iraq shows that it has been involved in conflicts over land with its neighbors. It is therefore quite unlikely Iraq would wish to randomly kill American people — it seems to be mainly concerned with land. The main reasons why Iraq does not like America are that the United States has been very persistent in the United Nations about maintaining the sanctions, and that the United States led Operation Desert Storm against Iraq. Countries such as France and Russia have long asked for lifting of the sanctions, realizing that it is unrealistic to expect full disarmament of Iraq.

The current president of Iraq, Saddam Hussein, came to power in 1979 when he as head of Iraq's ruling party replaced the president, Ahmed Hasan Al-Bakr. During the time Saddam has ruled Iraq there have been two major wars. Both of the wars were initiated by Saddam.

The first war with Iran began on Sept. 22, 1980. The reason behind it was a land dispute; however, the war lasted eight years and ended with no territorial gains by either of the sides but with heavy costs to both of the countries involved.

The second war began in August of 1990

and this time it was about a land dispute with Kuwait and the oil that Kuwait was mining in the disputed region. The use of force and quick occupation of Kuwait was widely criticized by many countries, causing the United Nations to pass sanctions against Iraq. The sanctions did not affect the will of Saddam, so the U.N. Security Council passed a resolution that authorized the member states to use power against Iraq. It took six weeks for the troops of 28 countries, led by U.S. forces, to regain Kuwait from the Iraq. The operation was nicknamed Desert Storm.

The ceasefire reached by the end of Desert Storm called for Iraq to destroy all of its weapons of mass destruction. The sanctions would only be lifted when all of the weapons would be destroyed.

Now clearly Saddam was unwilling to destroy all of his weapons, leaving his country unprotected within close distance of its former opponents Iran and Israel, just to name a few. It is obvious that Saddam and the Iraqi people don't like the United States for not lifting the sanctions and not allowing them to develop. On the other hand, a full disarmament would mean that Iraq would not be able to defend itself against future attacks it might have to endure.

If Iraq dislikes the United States because of the sanctions and now the United States is going to attack Iraq because Iraq dislikes it, should we not just lift the sanctions?

Janis Sermulins is a member of the Class of 2004.

Showing Our Feathers

Andrew C. Thomas

Anthony Freinberg, an opinion columnist for *The Harvard Crimson*, wrote an article last week that sounds awfully familiar to me. The advice contained within suggests that Harvard students should not force themselves to work so hard, so that they might enjoy the other pleasures, distractions and activities available to them within Harvard's wonderfully diverse student life. This is advice I give to friends and in print, primarily so that everyone can avoid burnout.

Freinberg makes his point by boasting that anyone who is admitted to Harvard deserves to graduate: "The swollen envelope that came during senior year of high school was an invitation to relax for four plus years en route to Commencement." Needless to say, as an MIT student with presumed stereotypical Harvard envy, I was irritated by the truth of the statement.

This, however, was not what caught my interest. The point that stands is that MIT students (myself most definitely included) suffer from the same problem of overwork. This is a time-honored fact immortalized in the embodiment of IHTFP.

But recently, another explanation crossed my mind. Maybe we're not just masochists after all.

Maybe we're posturing.

Male peacocks show off their bright plumage to dominate over other males. Male humans show off their muscles or perform feats of strength. The MIT version of this phenomenon is not limited to men. Students of both sexes attempt to balance a heavy

Male peacocks show off their bright plumage to dominate over other males.

MIT students attempt to balance a heavy course load.

course load rather than (or, as the new panoramic view of the Z Center workout room suggests, in addition to) bench pressing a heavy steel load.

Much like a sparring match, this posturing has the power and ceremony of ritual. Two men (for example) walk towards each other, bow their heads, and begin:

"Hey, man, how's it going?"

"Not good, dude. I've got two problem sets and a term paper due tomorrow and practice tonight."

"Ah, you've got it easy. 3 problem sets, a test, a dress rehearsal and an 8:30 class."

Neither competitor, of course, has used all his ammunition yet. The rebuttal begins:

"8:30? Rookie. I've got crew at 5:00."

Defeat seems near. One final chance remains:

"Oh, I forgot about that lab presentation that I haven't started yet. Tomorrow afternoon. I sure hope my partner remembered."

He has won, garnering the respect of his fellow student. No matter what work is ahead of him this evening, and likely next morning as well, he walks away knowing victory over his opponent, feeling like the bigger man.

The end result of this behavior is clear — to discover who has a bigger tolerance for pain. Whether mental, physical or psychological, endurance of pain is the benchmark men have used for millennia to determine their position in the pecking order. As MIT students, our workload is the source of pain most readily available.

It may not be as quick or primal as flexing our muscles, but the effect can be just as impressive.

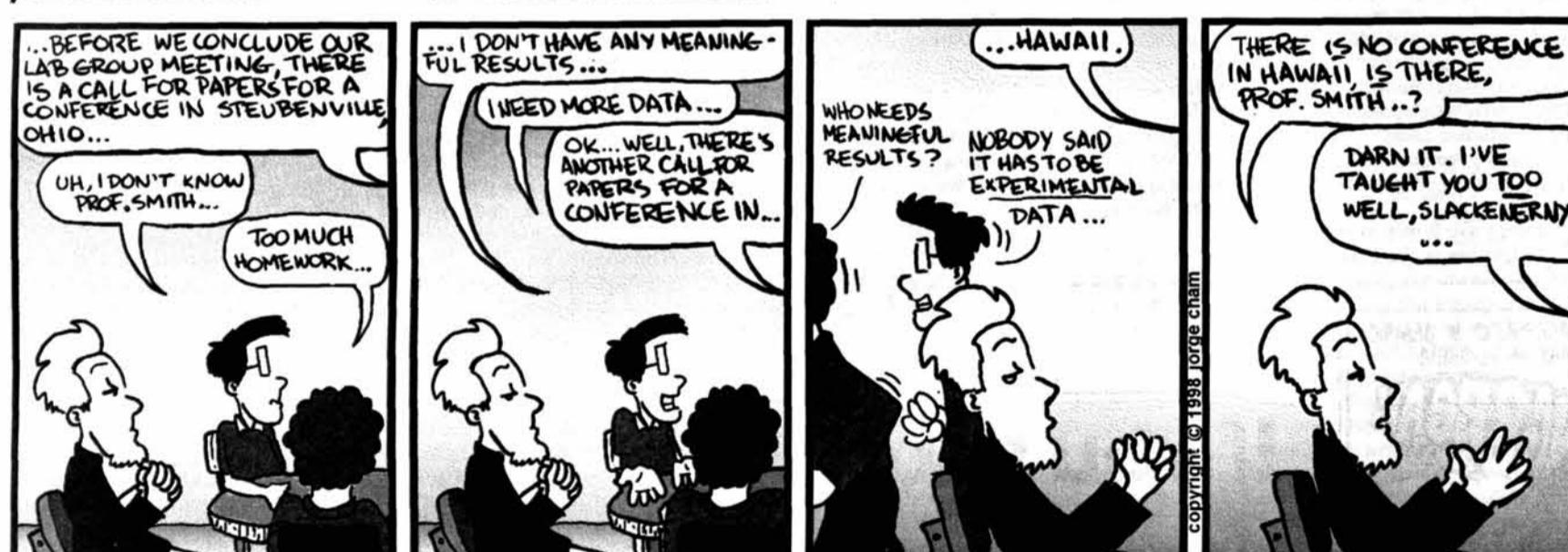
The effect is of course not limited to a night's or a week's worth of work. The grander scale applies to all those people who appear to be attempting a crazy double major, or breaking triple digits in their unit count.

As morale-building as posturing is, I dream of an MIT student body that isn't in danger of blowing a collective gasket. I hope that students can find a way to enjoy their courses. I'm pulling for you — we're all in this together.

FUN PAGES



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Crossword Puzzle

Solution, page 12

ACROSS

- Bow or Barton
- Curriculum — (mini bio)
- Writer Levin
- Temporary residence
- During a broadcast
- San Francisco hill
- Cultivation of the mind in India?
- Doris of "Pillow Talk"
- Shell-game item
- Not taken in by
- Ski
- Not that or the other thing
- Certifies under

oath

- Burning
- Like Atlas
- Perfect
- Preside
- Dashed
- at windmills
- Clearly detailed
- Commercial transaction
- Afr. nation
- Riyadh resident
- Tropical parrot
- Cake toppings
- Convincing
- Ellipsoidal nuts
- Maldives capital
- Kept occupied
- Royal address
- Spotter's cry

52 Youth grp.

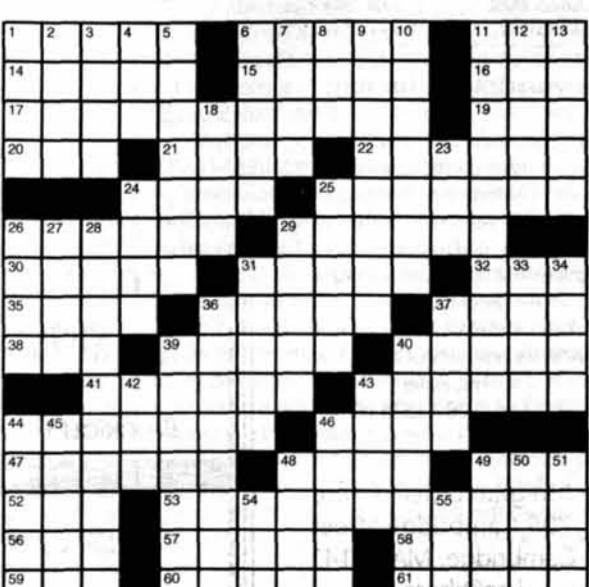
- Religious group's safety in India?
- Road-sign abbr.
- T.S. or George
- Sample
- You betcha!
- Dispatches
- Dalmatian feature

DOWN

- Fellow
- Theater box
- Gillette blade
- Actor Stephen
- Part of ATF
- Electrical measure
- Sondheim

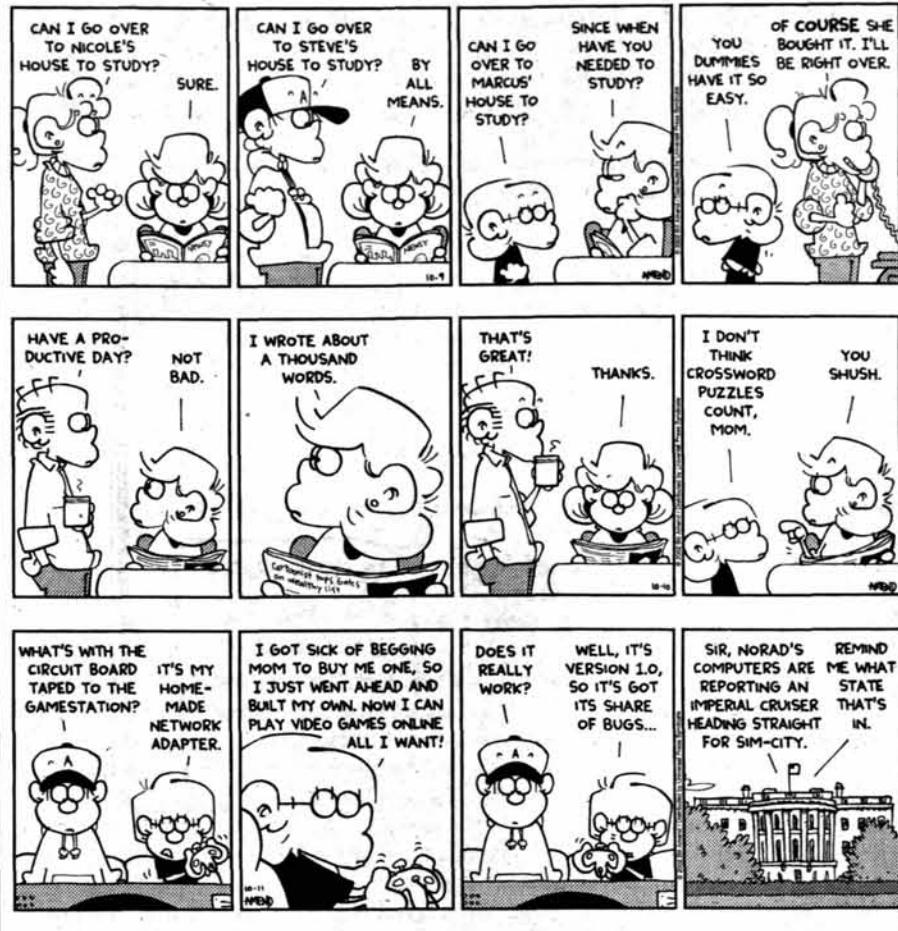
53 musical, "the Woods"

- Sigma follower
- Place to land
- Building builder
- Prayer by a river in India?
- Luau element
- Unfathomable chasm
- Part of CPU
- Coop biddy
- Be as it may...
- Video-game pioneer
- Religious ritual
- Redact
- Entrees in India?
- North American food fish



FoxTrot

by Bill Amend



Dilbert® by Scott Adams



Down the Hatchet

The Science of Strokin'

By Akshay Patil

COLUMNIST

I've been feeling pretty dirty recently. It's not my fault, I swear. It's just that everyone else has dirty minds.

I was complaining to a friend at my UROP about how my face has been feeling tight and I wish I knew a way to loosen it up. So she lends me a library book on massages and tells me that it has some good sections on self massages — including self facial massages.

There's only one problem with the book: it's fully illustrated. "Massage: The Ultimate Illustrated Guide," the title reads, in large letters that fit nicely over the image of a topless woman lying stomach down on a table with a content smile as she receives a Turkish massage.

Did I mention this book is rather large? I'm not complaining about the size, it's just that one feels a bit strange carrying a large book covered with the image of a topless

woman (you can't see any naughty bits, I swear) with me.

Most people on first glance think that I've left a large book of soft pornography lying about my room. A large, hard-cover, book of porn. Because that's just so me.

And things usually don't improve once they realize their error. You might not believe it, but a big illustrated book of massages isn't much better than a big book of porn. When people think it's porn, they're usually shocked to do or say anything. Upon discovering that it's really a massage guide they immediately want to know:

- a) What the hell I'm doing with a massage book in my room.
- b) If I will give them a massage
- c) Why I'm wearing a tutu

Sometimes the person will offer me sage advice such as: "You know, if you give a girl a really good massage, she'll sleep with you ... guaranteed" or "Remember, you

only need to use a few drops of massage oil; don't use too much." Then they offer you a book from their own collection which they found far more useful than the one you have.

But after these first few hurdles are passed, most visitors are content to stop ribbing me about the book and plop down in my room to actually read it. Often they will make strange motions in the air as they contemplate moves such as "deep stroking," "circle stroking," and "alternate fan stroking." In fact, about 80 percent of the techniques in the book are described as some sort of "stroking." Makes you wonder.

Of course, no one ever offers to give me a massage.

They assume that even though I'm hunched over my desk, since I have a book of massages, I must be the loosest man on the planet. *Well, it ain't so, all right! I'm freaking tense!*

Sorry.

The most interesting part of the book,

besides the photos of scantily clad women being massaged (No naughty bits ... I swear ... my friends have looked, believe me), is the two page research/bibliography section. Two pages!

For an illustrated book on massages! I swear I don't know what I'm doing studying Computer Science when I could be majoring in massage. Not only would you enjoy the "hands-on" aspects of your research, but you would be the life of the cocktail party! The puns and jokes just write themselves. No longer would my jokes have to end with punchlines

like "elephant* mouse* sin<theta>." Don't pretend you've never heard that one.

So the book stays in my room; awaiting the day when I'll finally get around to learning the different "strokes" involved with art/science of massage. Until then it stays hidden from my room visitors; upside down and covered by *Technology Review*. It's safe there.

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Visit and add events to Events Calendar online at <http://events.mit.edu>

Friday, October 11

10:00 a.m. - Admissions Information Session. Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby). Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. - Campus Tour. Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

12:00 p.m. - 1:00 p.m. - Orientation to Computing at MIT. This seminar provides basic information about the MIT computing environment, presented in language accessible to anyone. Topics include: help resources; supported operating systems, supported software, and recommended hardware the campus network (MITnet and more); security issues and how to address them; telephones and voice mail; computer-related health issues. Room: N42 Demo. Sponsor: Information Systems.

12:00 p.m. - 1:00 p.m. - King David Peace Drummers. Whirling Dervishes in Turkey, children of the South Lebanon Army, Christian and Muslim Bedouins at the foot of Mt. Sinai, Masa Marai tribe members in Kenya, politicians at the Knesset. The King David Peace Drummers from Israel have brought people from all of these diverse backgrounds, cultures, religions, and political beliefs together to bring peace to the world — one beat at a time. free. Room: Kresge BBQ Pits. Sponsor: Hillel, MIT, MIT Students for Israel.

2:00 p.m. - Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 4:00 p.m. - Friendships Between Gay and Straight Men and the Politics of Masculinity. A Women's Studies Intellectual Forum. free. Room: E51-095. Sponsor: lbgt@MIT, Women's Studies Program.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - 4:00 p.m. - Chemical Engineering Dept Fall Seminar Series. Patents. free. Room: 66-110. Sponsor: Chemical Engineering.

4:00 p.m. - 5:00 p.m. - PSFC Seminar. "Resistive Wall Modes and Error Field Amplification". free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.

4:15 p.m. - 5:15 p.m. - The Combinatorics of the Universe. Reception at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

4:30 p.m. - 6:30 p.m. - Reception: Artists Behind the Desk Exhibition. The women and men who keep the MIT machine humming will show their more creative side through a variety of media including photography, works on paper, fabric, and sculpture. The purpose of this exhibition is to promote the work of artists who work at MIT in other capacities. The exhibition aims to serve as an opportunity for personal artistic growth by providing space and resources for MIT artists while simultaneously encouraging art within the scientific community. It is about adding dimensions to the personalities of the people who support the Institute's mission. Exhibit runs Oct 1-Nov 15. free. Room: Rotch Library of Architecture and Planning, (Rm 7-238). Sponsor: Working Group on Support Staff Issues.

7:00 p.m. - 12:30 a.m. - Anime Club showing: Rah-Xephon, Azumanga, NieA. Watch a selection of new and classic animation from Japan, as well as take advantage of our extensive library of Japanese animation. Tonight: Rah-Xephon (an enigmatic, stylish exploration of the giant-robot theme), Azumanga Daioh (the wildly popular comedy about a set of high-school friends), NieA_7 — comic stories from the other side of the crater from the creators of Serial Experiments: Iain. free. Room: 6-120. Sponsor: Anime Club, MIT.

The Samaritans of Boston, a non-profit, non-denominational suicide prevention center, seeks volunteers (16 years and older) to be trained to help staff our telephone befriending services. Accepted applicants will be trained to provide non-judgmental listening and support to lonely, despairing, and suicidal individuals. Please call (617) 536-2460 for more information about applying to be a Samaritans volunteer.

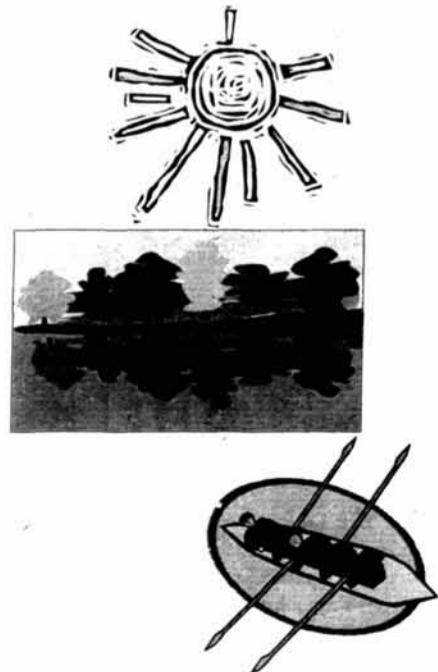
This space donated by The Tech

Never be Sick Again: Health is a Choice, Learn to Choose it!

Speaker and Author:
Raymond Francis
W35 -199, Zesiger
Sports and Fitness
Center
Thursday, October 17
5:00 pm
Admission is free and
the lecture is open to the
public.

This lecture presents a revolutionary model of health and disease that promotes the idea that there is only one disease, only two causes of disease, and six pathways to health and disease. It provides the audience with a holistic approach to living that empowers them to get well and stay well.

The lecture will be followed by a book signing.



Sponsored by D.A.P.E.R

Events Calendar appears in each issue of The Tech and features events for members of the MIT community. The Tech makes no guarantees as to the accuracy of this information, and The Tech shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

7:00 p.m. - About a Boy. Confirmed bachelor Will (Hugh Grant) tries dating a single mother and is so pleased with the results that he begins looking for dates at a support group for single parents. Instead of finding easy women, however, he is thrown into an unlikely and unwilling friendship with Marcus, the sullen son of one of the group members (Toni Collette, *Muriel's Wedding*). Can Will and Marcus help each other to find love with the opposite sex, and to help Marcus's mother to do the same? Rated PG-13 for brief strong language and some thematic elements. \$3.00. Room: 10-250. Sponsor: LSC.

8:00 p.m. - 10:00 p.m. - "The Straight Story". HTC Film Series; Film directed by David Lynch, Starring Richard Farnsworth, U.S.A., 1999, 111 mins. "The Straight Story" chronicles a trip made by 73-year-old Alvin Straight from Laurens, Iowa, to Mt. Zion, Wis., in 1994 while riding a lawn mower. The man undertook his strange journey to mend his relationship with his ill, estranged, 75-year-old brother Lyle. free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

10:00 p.m. - About a Boy. Rated PG-13 for brief strong language and some thematic elements. \$3.00. Room: 10-250. Sponsor: LSC.

Saturday, October 12

11:00 a.m. - Men's Soccer vs. Springfield College. free. Room: Steinbrenner Stadium. Sponsor: Department of Athletics.

1:00 p.m. - Women's Tennis vs. Mount Holyoke College. free. Room: Katz Tennis Courts. Sponsor: Department of Athletics.

2:00 p.m. - Women's Soccer vs. Wellesley College. free. Room: Steinbrenner Stadium. Sponsor: Department of Athletics.

6:30 p.m. - 12:00 a.m. - By The Fire Side: A Night In Africa. Storytelling by a fire side is a popular tradition in Africa. It is accompanied with instrument music, singing, dancing, proverb games and riddles. Come experience an enchanting night inspired by African storytelling traditions over a delicious dinner from Africa, semiformal style. \$10. Room: La Sala de Puerto Rico. Sponsor: African Students Association.

7:00 p.m. - The Bourne Identity. In the Mediterranean sea, a passing boat finds Jason Bourne (Matt Damon) suffering from a gunshot wound and amnesia. Bourne is taken to France, where, unaware of his own identity, he learns that he is being hunted down by mysterious men. With the help of a French girl (Franka Potente, *Run Lola Run*), Bourne begins to discover who he is and what he is capable of, and the search becomes desperate when the mysterious men are revealed as assassins who intend to kill him. Rated PG-13 for violence and some language. \$3.00. Room: 26-100. Sponsor: LSC.

10:00 p.m. - The Bourne Identity. Rated PG-13 for violence and some language. \$3.00. Room: 26-100. Sponsor: LSC.

Sunday, October 13

9:30 a.m. - 11:00 a.m. - Buddhist Meditation and Prayers. Meditation in Buddhist Tradition: sitting and walking meditation followed by chanting. free. Room: Mezzanine Lounge, Student Center. Sponsor: Buddhist Community at MIT.

7:00 p.m. - About a Boy. Rated PG-13 for brief strong language and some thematic elements. \$3.00. Room: 26-100. Sponsor: LSC.

10:00 p.m. - The Bourne Identity. Rated PG-13 for violence and some language. \$3.00. Room: 26-100. Sponsor: LSC.

Monday, October 14

9:00 p.m. - 1:00 a.m. - Monday Night Football at The Ear. Watch the game on The Thirsty Ear's big screen TV every Monday night. Tonight: San Francisco vs. Seattle. Hours: Monday: 9 p.m. - 1 a.m.; Tuesday - Thursday: 7 p.m. - 1 a.m.; Friday: 4 p.m. - 1 a.m. The Thirsty Ear Pub is located in the basement of Ashdown House. Enter through the courtyard. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

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THE ARTS

Clubs

Axis
13 Lansdowne St., 617-262-2437
Sundays: See *Avalon* below.
Mondays: *Static*. Gay, casual dress. \$5, 18+.
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.
Fridays: *Avalandx*, with *Avalon*.
Saturdays: *X-night* (rock, alternative, techno, hip-hop) downstairs and *Move* (techno) upstairs.

Avalon
15 Lansdowne St., 617-262-2424
Sundays: *Gay Night* (with *Axis* on long weekends). Featuring hardcore house and techno. \$10, 21+.
Thursdays: *International Night*. Eurohouse. \$10, 19+.
Fridays: *Avalandx*, with *Axis*. House. \$15, 19+.
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

Karma Club
9 Lansdowne St., 617-421-9595
Sundays: "Current dance favorites" by guest DJs. Cover varies.
Tuesdays: *Phatt Tuesdays*. With Bill's Bar, modern dance music. \$10.
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.
Thursdays: *Groove Factor*. House. \$10.
Fridays: *Spin cycle*. Prog. house. 19+.
Saturdays: *Elements of Life*. International House. \$15.

ManRay
21 Brookline St., Cambridge, 617-864-0400
Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.
Thursdays: *Campus*. Popular tunes. House. Gay, casual dress. \$10, 19+; \$8, 21+.
Fridays: *Fantasy Factory* (First and third Friday of the month). Features kinky fetishes and industrial music. *Hell Night* (every second Friday) 19+. Includes Goth music. *Ooze* (the last Friday of the month) \$10, 21+. Reduced prices for those wearing fetish gear.
Saturdays: *Liquid*. Disco/house and New Wave. \$15, 19+; \$10, 21+.

Popular Music

Axis
13 Lansdowne St., Boston, MA, 617-262-2437
Oct. 23: Taproot
Oct. 24: No Use For A Name
Oct. 25: Big D and the Kids Table
Oct. 26: Snapcase, Boy Sets Fire
Oct. 30: Cali Comm 2002 Tour:
Del the Funky Homosapien
Nov. 2: Nonpoint
Nov. 3: Relient K
Nov. 12: Kottonmouth Kings
Nov. 14: Theivery Corporation
Nov. 15: Saliva
Nov. 19: The Ataris

Avalon
15 Lansdowne St., Boston, MA, 617-262-2424
Oct. 17: Reel Big Fish
Oct. 22: Badly Drawn Boy
Oct. 24: Michael Franti & Spearhead, Tre Hardson
Oct. 25: Violent Femmes
Nov. 3: Sigur Ros, Amina
Nov. 5: Jerry Cantrell
Nov. 13: Les Claypool Frog Brigade
Nov. 21: Blondie
Nov. 22: Ani DiFranco
Nov. 27: Frank Black and the Catholics, The Bennies
Dec. 2: The Wallflowers, Ours
Dec. 6: Melissa Ferrick

Berklee Performance Center
Berklee College of Music, 1140 Boylston St., Boston, MA.
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 617-266-2261.

Oct. 25: Herbie Hancock
Nov. 20: Branford Marsalis

Club Passim
47 Palmer St., Cambridge, MA, 617-492-7679
Tuesdays: *Open Mic* at 8 p.m. (sign up at 7:30). \$5. See <http://www.clubpassim.com> for complete schedule

Oct. 11: Teddy Goldstein
Oct. 12: Wholsale Klezmer Band
Oct. 13: IndieGuy Night with Brian Webb, Kenny White, Jake Armerding, and Chris Williams
Oct. 14: Open Poetry Night
Oct. 17: Connie Kaldor

On The Town

A weekly guide to the arts in Boston

October 11 - 18

Compiled by Devdoot Majumdar

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

Oct. 18: Diane Zeigler, Carl Cacho

FleetCenter
One FleetCenter, Boston, MA, 617-931-2787

Oct. 28: Rush
Nov. 3: Cher
Nov. 16: Bob Dylan
Nov. 18-19: *The Other Ones*. Robert Hunter
Nov. 25: Peter Gabriel
Nov. 30: Shakira
Dec. 2: Guns N' Roses

The Middle East
Central Square, 617-354-8238
Ticketmaster: 617-931-2787.

Oct. 11: Shellac
Oct. 12: Mistle Thrush (U)
Oct. 13: The Pacific Ocean
Oct. 14: The Mezz Bar, Mia Doi Todd (free)
Oct. 15: Michael Zapruder (U)
Oct. 16: Local H
Oct. 17: The Supersuckers
Oct. 18: The Figgs
Oct. 19: Crash and Burn
Oct. 20: Mooney Suzuki

Orpheum Theatre
1 Hamilton Pl., Boston, MA, 617-679-0810

Oct. 11: Ratdog
Oct. 15: Stone Temple Pilots
Oct. 19: Wilco
Oct. 21: Elvis Costello
Oct. 25: Shedadys
Oct. 28: Beck & The Flaming Lips
Oct. 31: Alice Cooper
Nov. 1: The Disco Biscuits
Nov. 9: Jim Norton
Nov. 11: Joe Cocker
Nov. 14: Jack Johnson (sold out)
Dec. 5: Guster
Dec. 6: Martin Sexton

Paradise Rock Club
967 Commonwealth Ave., Boston, MA, 617-562-8804

Oct. 11-12: Doug Martsch of Built to Spill, Mike Johnson
Oct. 15: Sugarcult
Oct. 17: Lori McKenna
Oct. 18: Raging Teens
Oct. 19: Soulive
Oct. 20: Vanessa Carlton
Oct. 23: Yonder Mtn. String Quartet
Oct. 25: Addison Groove Project
Oct. 27: Brad
Oct. 28: "Live Phish Official CD Release Party"
Oct. 29: Calexico
Oct. 30: Strangefolk
Nov. 3: Porcupine Tree
Nov. 7: Jump Little Children
Nov. 10: Fountains of Wayne
Nov. 19: Josh Joplin
Nov. 20: Jets to Brazil
Nov. 23: OAR

The Roxy
279 Tremont St., Boston, MA, 617-931-2000

Oct. 14: Sleater-Kinney
Oct. 17: Clinic, Apples in Stereo
Oct. 28: Flogging Molly, Andrew WK
Nov. 17: Galactic, North Mississippi Allstars

Somerville Theater
300 Arcand Dr., Lowell, MA, 978-848-6900.

Oct. 11: Jerry Douglas, Kevin Welch
Oct. 13: Rufus Wainwright

Tsongas Arena
300 Arcand Dr., Lowell, MA, 978-848-6900.

Oct. 28: Tool

Oct. 29: Mana
Nov. 15: Counting Crows
Nov. 19: Tori Amos, Howie Day

Tweeter Center
885 South Main St., Mansfield, MA, 617-228-6000
Oct. 12: Korn
TT The Bear's
10 Brookline St., Cambridge, MA, 617-931-2000.
<<http://www.tttthebears.com>>

Oct. 11: John Wesley Harding
Oct. 12: Lot 6 CD Release
Oct. 13: Electroclash Festival
Oct. 14: Gene Dante, Jim Foster
Oct. 15: Shawn McLaughlin
Oct. 16: No Luck at All
Oct. 17: The New Year
Oct. 17: Count Me Outs
Worcester Palladium
261 Main St., Worcester, MA, 617-797-2000
<<http://www.thepalladium.com>>

Oct. 12: Dashboard Confessional
Oct. 13: Hot Water Music, Thrice
Oct. 16: Our Lady Peace, Juliana Theory, Fingertight
Oct. 18: The Samples

Oct. 20: Bane
Oct. 26: Mushroomhead
Oct. 29: Jurassic 5
Oct. 30: Arch Enemy
Oct. 31: Mighty Mighty Bosstones
Nov. 1: New Found Glory
Nov. 2: Mudvayne
Nov. 3: Kinosian
Nov. 4: Box Car Racer
Nov. 9: Gwar, Clutch
Nov. 27: Saves the Day

Jazz

Regattabar
1 Bennett St., Cambridge, MA, 617-662-5000, <<http://www.regattabar.com>> Usually two shows nightly, call for details.
Oct. 11: Donal Fox
Oct. 12: Rebecca Parris
Oct. 19: Sergio Brando Octet
Oct. 31: Max Roach Quartet
Scullers Jazz Club
DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111. <<http://www.scullers-jazz.com>>. Call for schedule.
Oct. 11: Larry Coryell Trio

Boston Symphony Orchestra
Tickets: 617-266-1492.
Performances at Symphony Hall, 301 Massachusetts Ave., Boston, unless otherwise noted. Student rush tickets, if available, can be obtained at 5 p.m. on the day of the concert (one ticket per person).
<<http://www.bso.org>>

Sir Andrew Davis conducts the BSO in an American premiere of Weir's *Moon and Star*, Ravel's *Piano Concerto in G*, and Prokofiev's *Alexander Nevsky Cantata*. Performances on Oct. 11 (1:30 p.m.), Oct. 12 (8 p.m.), and Oct. 15 (8 p.m.).

Roberto Abbado leads the BSO in an American premiere of Henze's *Scorribanda Sinfonica*, Mozart's *Piano Concerto No. 21*, and Rachmaninoff's *Symphony No. 3*. Performances on Oct. 17 (8 p.m.), Oct. 18 (1:30 p.m.), Oct. 19 (8 p.m.), and Oct. 22 (8 p.m.).

FleetBoston Celebrity Series
20 Park Plaza, Suite 1032, Boston, MA 02116. 617-482-2595. Venues vary by concert, consult website for further details.
<<http://www.celebrity-series.org>>

Oct. 11: David Sedaris
Oct. 16: Anne-Sophie Mutter
Oct. 20: Jose Van Dam
Oct. 25-27: Paul Taylor Dance Co.
Nov. 9: Juilliard String Quartet
Nov. 10: Boston Camerata
Nov. 14: American Ballet Theatre
Nov. 17: Pittsburgh Symphony Orchestra, Masis Jansons
Nov. 22: Robert Kapilow, Judith Blazer: What Makes it Great?
Nov. 24: Itzhak Perlman
Dec. 1: Daniel Barenboim
Dec. 6-7: Vienna Choir Boys
Dec. 14: The Polar Express

Theater

Bat Boy: The Musical (Oct. 26)
A story about "the alleged discovery of a child — half man, half bat — in a West Virginia cave" finally comes to Boston in this production by the SpeakEasy Stage Company. Boston Center for the Arts, 539 Tremont Street, Boston, 617-426-2787. Runs through Oct. 26, tickets range from \$15 rush (one hour before performance) to \$31.

George Gershwin Alone (Oct. 12)
One man show starring pianist Hershey Felder portraying Gershwin. Loeb Drama Center (Presented by the American Repertory Theater Company), 64 Brattle Street, Cambridge. 617-547-8300. Tickets \$32 to \$42.

Spinning into Butter (Oct. 19)
Songs from the Second Floor, directed by Roy Anderson, showing 45 staged vignettes showing "a series of personal tragedies and city-wide crises." Showing Oct. 11-12 at 7 and 9 p.m.

Earth (USSR 1930), Directed by Alexander Dovzhenko — tells the story of collectivization on a Ukrainian farm. Showing Oct. 13-14, 7 p.m.

A racist incident on a Vermont campus sends the all white faculty into a tailspin. Presented at the Theatre Cooperative, 277 Broadway, Somerville, 617-625-1300. Tickets \$15 to \$20.

Blue Man Group (Ongoing)
Charles Playhouse, 74 Warrenton Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 617-426-6912 for tickets and information on how to see the show for free by ushering.

Comedy Connection
Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$8-20. Call 617-248-9700 or visit <<http://www.comedyconnection-boston.com>>.

Oct. 11-12: Brett Buttler
Oct. 13: Mike McDonald
Oct. 16: Mike Donovan
Oct. 19-20: Pauly Shore
Oct. 25-26: Elayne Boosler
Oct. 26-27: Arnez J.
Nov. 1-2: Brian Dunkleman
Nov. 8: John Valby
Nov. 15-16: Robert Schimmel

Classical Music

Boston Symphony Orchestra

Tickets: 617-266-1492.
Performances at Symphony Hall, 301 Massachusetts Ave., Boston, unless otherwise noted. Student rush tickets, if available, can be obtained at 5 p.m. on the day of the concert (one ticket per person).
<<http://www.bso.org>>

Sir Andrew Davis conducts the BSO in an American premiere of Weir's *Moon and Star*, Ravel's *Piano Concerto in G*, and Prokofiev's *Alexander Nevsky Cantata*. Performances on Oct. 11 (1:30 p.m.), Oct. 12 (8 p.m.), and Oct. 15 (8 p.m.).

Roberto Abbado leads the BSO in an American premiere of Henze's *Scorribanda Sinfonica*, Mozart's *Piano Concerto No. 21*, and Rachmaninoff's *Symphony No. 3*. Performances on Oct. 17 (8 p.m.), Oct. 18 (1:30 p.m.), Oct. 19 (8 p.m.), and Oct. 22 (8 p.m.).

Museum of Fine Arts
465 Huntington Ave., Boston, (617-267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID.

Currently on exhibit until Oct. 20 is "Jasper Johns to Jeff Koons: Four Decades of Art from the Broad Collections," an exploration of contemporary artists ranging from those named above to Warhol to Lichtenstein.

MFA Film Showings:
Oct. 11: *Would I Lie to You?* (6 p.m.), *Short Films by Gus Van Sant* (8 p.m.)
Oct. 12: *Gus Van Sant: To Die For* (10:30 a.m.), *French Comedies: Would I Lie to You?* (1:30 p.m.), *Films by Ptushko: The new Gulliver* (3:30 p.m.)

Oct. 13: Michael Moore's *Bowling for Columbine* (6:30 p.m.)
Oct. 18: *New England Film Artists: Last Call: Dreams, Main Street and the Search for Community* (6 p.m.), *Restored Classic: Siddhartha* (8 p.m.)

Oct. 19: *Films of Gus Van Sant: Drugstore Cowboy* (11 a.m.), *Last Call: Dreams, Main St.* (1 p.m.), *Siddhartha* (3 p.m.)

For further listings, check <<http://www.mfa.org/film/>>

Museum of Science

Science Park, Boston, (617-723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors. The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors.

Other

Harvard Film Archive
465 Huntington Ave., Boston, (617-267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; check <[http://www.harvardfilmarchive](http://www.harvardfilmarchive.org)

MIT Bonds Preserve Lowest Risk Rating

Report, from Page 1

[but] that's not the point," he said. "The Institute does not run its activities on a one-year basis."

In the last fiscal year, "venture capital startups fared poorly," Bufford said, but there are "no sharp turns" in MIT's investment strategy.

"We don't wake up one morning and say, 'no venture capital,'" he said. "No one's that prescient."

Bufford said that the coming years will be difficult, and if MIT broke even next year, he would consider it a good year. "Keep in mind we're starting the year with the worst quarter in the history of the U.S. market," he said.

MIT receives highest bond rating

Moody's Investors Service and Standard and Poor's both continued to give MIT's bonds their highest rating of triple-A, the report said.

In the 2002 fiscal year, MIT borrowed \$250 million in the form of bonds and bank debts, increasing its total long-term debt exposure by 47 percent to \$772 million and paying \$27 million in interest.

The bonds issued in the past year have helped to fund various construction projects around campus, Bufford said.

A report to potential bond buyers listed several uses of the funds. Most of the purposes were related to new campus construction, including Simmons Hall, Sidney-Pacific graduate dormitory, the Warehouse, the Zesiger Center, and the Stata Center. Additionally, the bond report cited renovations to Building 18, which houses the

Chemistry Department.

The bond report also cited the addition of a new telephone switch and a new chiller at MIT's central utility plant.

Equity losses dominate portfolio

Most of MIT's investment losses came in equity investments, which also form the bulk of MIT's investments.

MIT reported market-value losses of \$867 million in equity investments.

"The two primary contributors to overall investment return were private equities and publicly traded stocks," said Martin J. Kelly, MIT's director of marketable securities.

"Clearly a contributor was the portion of the portfolio invested in publicly traded U.S. companies," he said.

The percentage loss in investment assets was slightly smaller than last year's decline of 12 percent in the Dow Jones Industrial Average. But without a detailed picture of MIT's investments, which include domestic and foreign publicly traded securities as well as private equity, these figures are not directly comparable to MIT's losses.

Kelly said that private equity played a role as well. MIT invests in a variety of private equities, including hedge funds and venture capital.

Additionally, the value of MIT's real estate investments increased to almost \$900 million from about \$720 million, and MIT received a total of \$236.6 million in gifts and pledges in the last fiscal year, the report said.



Jill Stein, the Green Party candidate for governor, spoke at MIT last night in room 1-190. She was accompanied by James O'Keefe and Tony Lorenzen, who are running for state treasurer and lieutenant governor, respectively.



Elephants parade near Massachusetts Avenue in the annual unloading of the Ringling Bros. and Barnum & Bailey circus entourage.

Graduate Student Council

Be a GSC Representative!

At-large representative positions are now open!! Applications are available at <http://gsc.mit.edu>
Email gsc-vicepresident@mit.edu for details!

<http://gsc.mit.edu>

GSC Office 50-220

Walker Memorial

(617) 253-2195

Cost of living survey

In collaboration with the Provost's office we are working on a survey to gauge cost of living pressures for graduate students. The goals of the survey are to:

- 1) Catalog distribution of student costs.
- 2) Restructure on campus rents.
- 3) Determine cost/service requirements of a dental plan
- 4) Examine issues related to graduate students with families

The survey will run from mid October through November. We value your inputs! Please do take part in the survey!!

What dental plan do you prefer?

Attend the Housing & Community Affairs Committee Meeting on Oct 22nd to voice your opinion. Email gsc-hca-chair@mit.edu for more information!

GSC ANNO

Interested in knowing more about Advocacy agendas? Activities? Institute wide news? Join our email list gsc-anno@mitvma.mit.edu for email announcements sent ONLY twice a week. Details on how to subscribe are available at <http://web.mit.edu/gsc/www/Contact/email.html>

Orientation Photo Gallery

Check the GSC Orientation 2002 pics at <http://gsn.mit.edu>

GSC CALENDAR

Meetings (at 50-220 GSC Office)

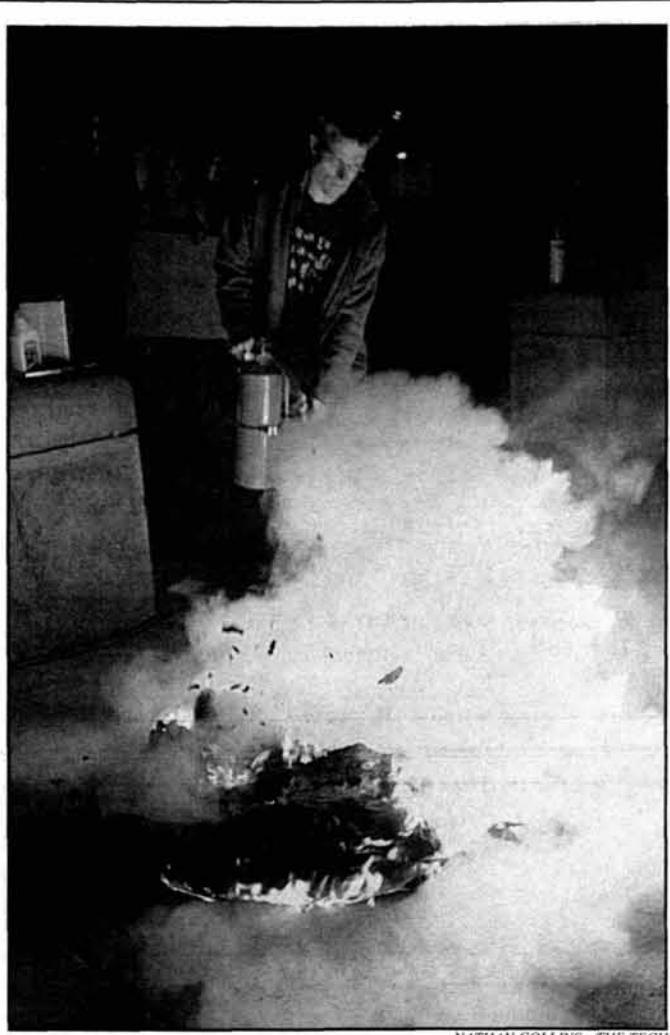
| | |
|------------------------------|-----------------|
| Publications & Publicity | 6:30 p.m. 10/15 |
| Academics Research & Careers | 5:30 p.m. 10/17 |
| Housing & Community Affairs | 5:00 p.m. 10/22 |
| Activities | 5:30 p.m. 10/24 |
| Graduate Student News | 5:30 p.m. 10/29 |
| Executive Committee | 5:30 p.m. 10/30 |

Activities:

Dark Side of the Rainbow 8:00 p.m. 10/14
Muddy Charles Pub

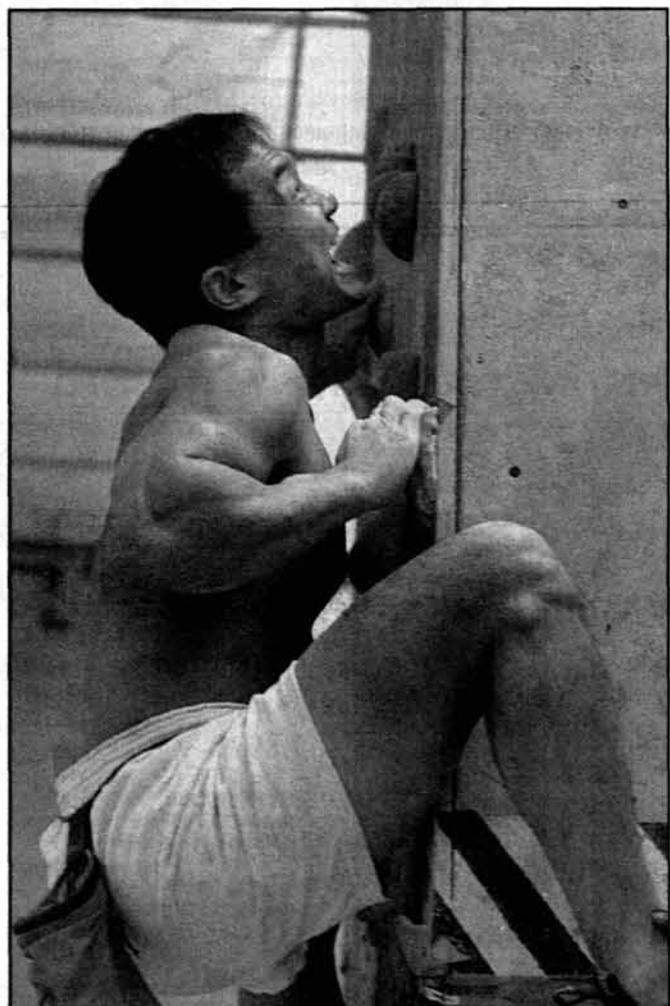
Questions?

Email gsc-secretary@mit.edu



NATHAN COLLINS—THE TECH

Mark C. Feldmeier G extinguishes a burning effigy of himself at East Campus last night. The effigy was part of a rally protesting the GRT's imminent graduation; Feldmeier's master's thesis was recently approved, protesters said.



DANIEL BERSAK—THE TECH

Philip M. Kim G explores a new route Thursday night at the MIT Climbing Wall in Walker Memorial.

How Do You Measure the Growth of A Child?

Unfortunately for children living in some of the poorest countries in the world, it takes more than fading marks on a wall.

Childreach, one of the oldest and largest child sponsorship organizations, measures growth by the number of hospitals, wells for clean water, and self-help programs we build in partnership with the proud families and communities where our sponsored children live.

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Samuel A. Warkentine, National Executive Director, Childreach with a sponsored child in Taita, Africa

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Are you interested in starting a UROP?

Do you feel you lack the skills or time to become involved in a project?

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Since the inception of the IAP Research Mentor Program (IRMP) in 1993, undergraduates whom lack research experience (pre-UROPs) are linked with upper-class experienced UROPs or faculty (mentors) to work on a part-time basis throughout the month of January.

Why become a Pre-UROPer? Experience! As a pre-UROPer you learn important lab skills and techniques, while making connections with an upperclassman, MIT faculty, graduate students, research staff, etc. This is your chance to see what it is like to be a member of a research team. Pre-UROPs are not eligible for pay or credit during IAP, but are given priority for direct UROP funding from the UROP Office if/when invited to join a UROP project.

APPLICATION DEADLINE: NOVEMBER 15TH

Applications for the IAP 2003 program are available on the UROP website: <http://web.mit.edu/urop/preuropapp.html>.



Jessy Baker

Ngan Huang

Craig Mielcarz

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EDWARD PLATT—THE TECH

Jugalbandi performs in 10-250 last Sunday, presented by MIT's Heritage of the Arts of South Asia.



NATHAN COLLINS—THE TECH

Up in the rafters of the MIT Climbing Wall in Walker Memorial, Woody Sherman G climbs out from behind the wall after securing a foothold.

DEF TUV TUV OPER OPER

3-8800
just call

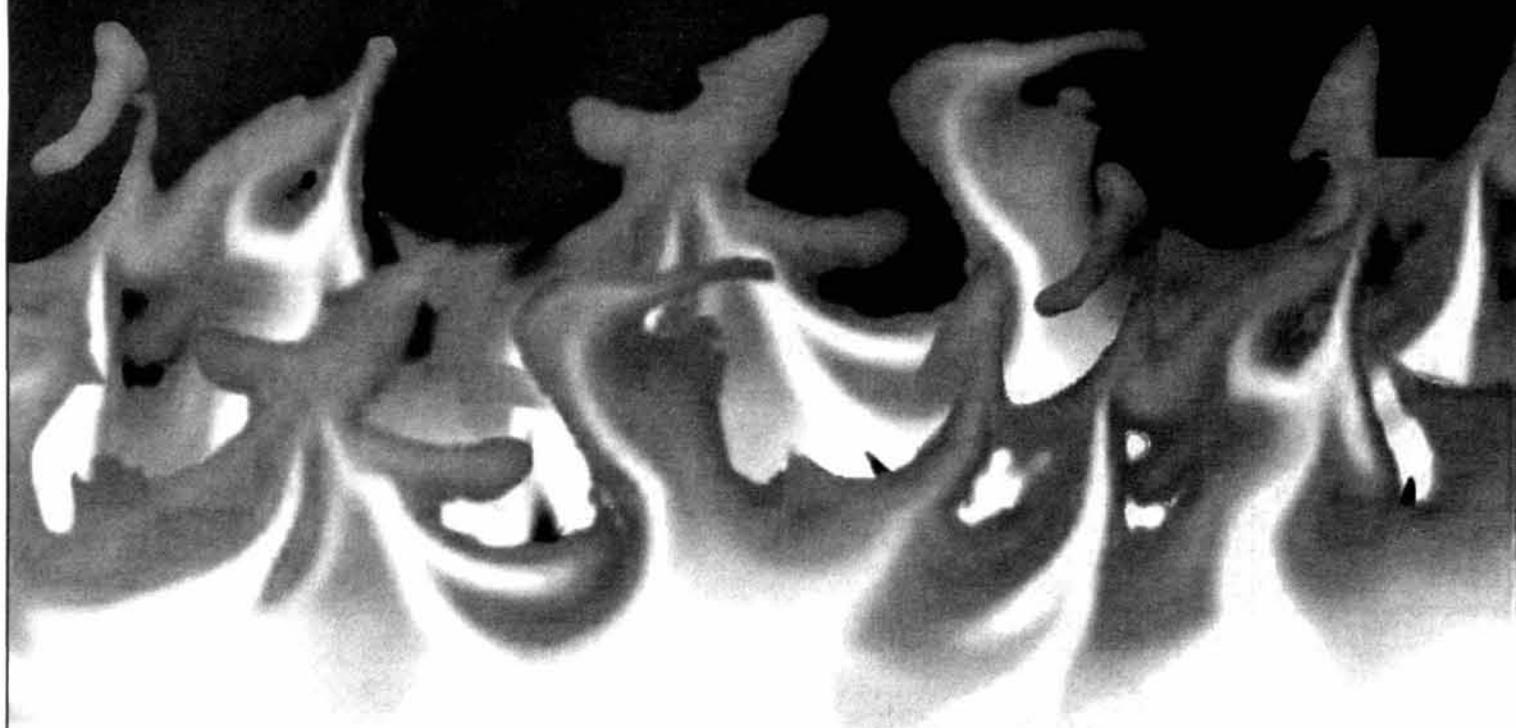
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DEF TUV TUV OPER OPER

By The fire Side

A NIGHT IN AFRICA

the fire side . by the fire side . by the fire side . by the fire side



Saturday, October 12, 2002

6:30 pm - 12:00 am

La Sala de Puerto Rico, MIT

MIT AFRICAN STUDENTS ASSOCIATION

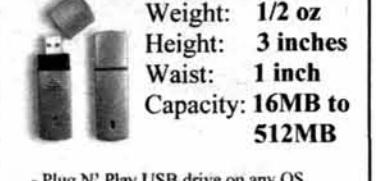
Solution to Crossword

from page 6

| | | |
|-------------|--------|--------------|
| CLARA | VITAE | IRA |
| HOTEL | ONAIR | NOB |
| AGRICULTURE | DAY | |
| PEA | ONTO | SCHUSS |
| | | THIS ATTESTS |
| REDHOT | STRONG | |
| IDEAL | CHAIR | RAN |
| TIILT | SHARP | SALE |
| ETH | SAUDI | MACAW |
| | ICINGS | COGENT |
| ALMONDS | MALE | |
| TIEDUP | SIRE | AHA |
| BSA | SIKHS | ASYLUM |
| ALT | ELIOT | TASTE |
| YES | SENDS | SPOTS |



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Colbert Encourages Allocation Proposals

Fee, from Page 1

parate groups to promote unity, support an Ashdown welcoming dinner for first year graduate students, expand Ramadan awareness to the whole community, and encourage other community-building activities," he said.

Colbert encouraged graduate students to apply for funding. Proposals will be reviewed by four students and three staff members.

"We have already had our the first round of proposals, and nine groups received funding," he said. "Soon, we will have another round of proposals."

Some concerned about allotment

Not everybody is satisfied with the decisions on how to use the

money.

Michael D. Steinberger G, a member of the Tech Catholic Community council, said he was concerned about the methods used to allocate money from the fee.

"I think it's the administration's job to go to the students and encourage them to submit proposals for funding," he said. "The money should be distributed more evenly and cover more groups."

Referring to Colbert's plan to "expand Ramadan awareness," Steinberger said he "look[s] forward to the financial support he will show the Jewish, Protestant, Hindu, Catholic, Atheist and Agnostic groups on campus."

3-1541

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The First Fall-Term Kelly-Douglas Traveling Fellowship Awards of \$1000-\$1500 for MIT Juniors and Seniors

Guidelines

Fellowships will be given to a few MIT juniors and seniors who are committed to further work in the humanities, arts or social sciences and plan to travel – normally during IAP 2003 – in order to ripen their understanding of a scholarly project that will become the basis of their theses or other future work in the field.

Major and minors in the School of Humanities, Arts and Social Sciences with projects related to their fields will be given preference, but all students are encouraged to apply.

Two letters are required for application:

1. The applicant's description of the itinerary, the reasons for and goals of the expedition, and an estimate of cost in terms of transportation, lodging and food.
2. An evaluation of the plan (described in letter no. 1) by an MIT instructor who is familiar with the applicant's work.

Applications are due by 5 p.m. on Wednesday, 6 November 2002.

Letters must be sent, brought or e-mailed to Pamela Hamada, Music and Theater Arts, MIT 4-246, phamada@mit.edu. Questions about the fellowship may be addressed to Professor Lowell Lindgren (lindgren@mit.edu), Director of the Kelly-Douglas Fund.



Rocket Science may be easy for MIT students, but deciding where to eat is hard with all these great choices.

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Walker Dining

Building 50
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HOURS: Monday-Friday 7:30am-3pm

All new look, all new selections!

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Lobdell Food Court

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Stratton Student Center - Second Floor
HOURS: Monday-Thursday 11am-3pm
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Wraps, sandwiches and subs your way

FUSION

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QUIXOTE'S

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HOMETOWN ENTREES

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You've heard the expression, "change is good." Well, it couldn't be more true than right now at the above dining locations where big improvements have been made. And if you like these changes, stay tuned, because there's more on the way!

Win the chance to perform at the

HOUSE OF BLUES

MIT is currently looking for talented musical groups to compete against Harvard in a

Battle of the Bands

Sunday, Nov. 10th 9pm-1am @ House of Blues-96 Winthrop St., Harvard Sq.

****All performers will receive a DAT tape of their performance that night!****

****The winner will be the opening band on stage at an upcoming House of Blues show!****

**Interested groups should send demo tape and contact information by
Friday, October 18th to:**

**Office of CDSA
Room 26-161**

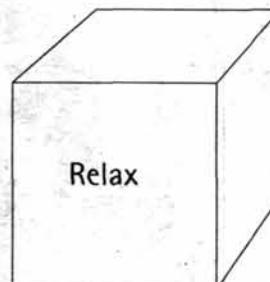
Email us at cdsa@mit.edu for more information



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It's smart to reach out.



Witt Received Highest MIT Teaching Awards

Witt, from Page 1

throughout his 40-year career at MIT, including NASA's Outstanding Scientific Achievement Award in 1974 for his work on materials processing in space for the Skylab project. In 1976, Austria presented Witt with the Exner Medal for Outstanding Contributions to Science and Technology. He was also a member of numerous academic and research societies.

Witt was also lauded for his non-research efforts. In 1990, he was named the first recipient of the Amar Bose Award for Sustained Efforts in Undergraduate Teaching.



Alfred F. Cliffo '06 becomes Sigma Nu's final pledge Monday night. Sigma Nu closed its books with 100 percent success.

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Introducing TeleFile from the IRS. If you are single and filed Form 1040EZ last year, you can file your tax return in ten minutes by phone. Anytime. Check your tax booklet for information.

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In 1993, he was elected as a MacVicar Faculty Fellow, the highest teaching award given by MIT.

Memorial service to be held

Witt is survived by his wife, two sons, and daughter. A funeral Mass will be held at Saint Mary's Church, 155 Washington St., Winchester, Mass. at 9 a.m. Saturday, Oct. 12. In lieu of flowers, the family requests that contributions may be made to the August F. Witt Student Fund in the Department of Materials Science and Engineering. An on-campus memorial service will be scheduled at a later date.



The MIT Department of Ocean Engineering announces the

8th Annual

T. Francis Ogilvie Young Investigator Lectureship in Ocean Engineering

“Synergistic Hydrodynamic Drag Reduction”

John M. Castano, PhD

Thursday
October 17, 2002
4:00 PM

MIT Stratton Student Center
Third Floor Mezzanine Lounge

Reception following.
Free and open to the public.

For further information about the speaker and an abstract
see <<http://oe.mit.edu/events/#ogilvie>>

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GSC General Council Meeting Minutes

These are the official minutes of the Graduate Student Council General Council meeting held on Oct. 2, 2002.

GSC President Sanith Wijesinghe called the meeting to order at 5:35 p.m. on Wednesday, Oct. 2 2002, in Room 50-220, GSC Office, Walker Memorial Building. Vice President John Lock invited the new as well as continuing representatives of the Council.

Roles of representatives

The role of a representative was explained to the Council. Representatives liaise between the Council and their respective living group or department and bring issues faced by graduate students in their constituencies to the attention of the MIT administration. As a GSC representative, one has the unique opportunity to meet and interact with key MIT decision makers, attend all-expense paid conferences and retreats and have direct access to GSC funds to organize events and socials.

The minimum obligation in being a representative is to attend General Council Meetings, which are held on the first Wednesday of every month. In case the person cannot make it to the meeting, he/she can send a proxy by informing the Vice President through e-mail at <gsc-vicepresident@mit.edu>. Representatives who miss two meetings in a row and who fail to inform the Vice President about their inability to attend the meeting or sending a proxy will be deemed inactive and their positions will open up for replacement.

A representative retreat is being planned for Nov. 22 to 24. E-mail announcements of the retreat containing further details will be sent in the coming weeks.

As clearly indicated in the Roadmap for representatives, the new representatives are urged to meet with the graduate administrators of their respective departments to know the current needs and concerns of their

departments. The representatives should address these issues in the discussions on enhancing graduate education experiences, which will take place during the Representative Retreat.

At-large positions designated

In addition to departmental and living group representatives, the five at-large positions are open for representation on the Council. The positions were open for discussion and debate by the Council. Thirty-two members were present at the meeting, satisfying the quorum requirement, so the positions were voted on by the members present. After a 2/3 majority vote, the following five at-large positions were identified by the Council: minority student groups, women, graduate student Families and parents, the Warehouse, and Sidney-Pacific Residence Hall.

A Research Expo, first ever of its kind, is being planned for the early spring by the Vice President. The Research Expo aims to address a vision that has been shared by the School of Engineering, Sloan, and student leaders for a number of years a conference-style venue for exhibiting the research that happens behind closed laboratory doors at MIT every day. The first meeting to discuss the expo will be held at 5:30 p.m. at the GSC Office, 50-220 on Oct. 9, 2002. For details on the expo, please e-mail <gsc-vicepresident@mit.edu>.

Cost of living survey

Wijesinghe provided an update on advocacy efforts on various fronts. The GSC, in collaboration with the Provost's office, is working on a survey to gauge cost of living pressures for graduate students. The goals of the survey are: catalog distribution of student costs, restructure on-campus rents, determine cost/service requirements of a dental plan, and examine issues related to graduate stu-

dents with families. The survey is scheduled to run from mid-October through November. The GSC Housing and Community Affairs Committee has framed the questions for the survey. The survey can be accessed at the spotlight on the GSC Web page, <<http://gsc.mit.edu>>.

The Council voted on whether GSC should support the National Association of Graduate-Professional Students in lobbying for exemption of tax on stipends. Prior to 1986, both graduate student tuition and stipends were tax-free. Currently only tuition is tax-free. Exemption on taxes on stipend corresponds to a saving of \$1,000 per year. Wijesinghe said that students from across the nation are planning to lobby congress on Oct. 9 to 12 to reverse the current tax code to pre-1986 wording.

The floor opened to debate on whether GSC should support the lobbying efforts, and if so, whether it should send a representative to Washington D.C. to participate in the efforts. By a majority of 2 votes (15-13, with everyone else abstaining), the Council voted against lobbying for the tax exemption.

Options for dental plan

The GSC is working on other advocacy agendas, like a viable Dental Plan for graduate students. Dean Ike Colbert and the GSC Executive Committee have approached MIT Medical for possible solutions. The plan proposed by MIT Medical costs \$240 and includes two cleanings per year, x-rays, drillings, and fillings, and will most likely be mandatory. This cost could be reduced to the \$100-\$150 range with Institute subsidies.

Residents of Cambridge also know of a possible solution in a dental plan offered at Boston University, which costs around \$120 and provides greater coverage. The GSC is trying to explore all possible options and determine the break-even point between costs and coverage. MIT Medical still has not

returned with a cheaper alternative.

The MIT Capital Campaign has reached its target of \$1.5 billion. Totals have not been reached, however for student life initiatives and graduate fellowships. The GSC has spoken to the Alumni Fund Board to start on an initiative to generate creative ideas for fundraising that will attract more graduate student alumni participation. Money raised from these efforts can help complement the student life and fellowship fund categories.

The concept of a graduate class gift has also been raised and requires further discussion. Furthermore, the GSC Housing and Community Affairs Committee is working to revise rents for on-campus residences to ensure a more equitable rent structure that accounts for amenities and also matches the supply and demand.

Committee Updates were presented at the end of the meeting.

The schedule of upcoming GSC committee meetings is now available online on the GSC calendar, posted at <<http://gsc.mit.edu>>.

The next GSC General Council Meeting will be held on Wednesday, Nov 6, 2002. GSC General Council Meetings and GSC committee meetings are open to all graduate students.

To be informed about Institute wide issues pertaining to graduate students subscribe to our general e-mail list, *gsc-anno*. Twice a week and only twice a week, events, meetings, and activities are announced on this list. Instructions on how to subscribe to the list are available at <<http://web.mit.edu/gsc/www/Contact/email.html>> or can be requested through e-mail to <gsc-request@mit.edu>. Posting to *gsc-anno* is open only to GSC officers and committee chairs. Any requests for postings on this list should be addressed to <gsc-request@mit.edu>.

These minutes were compiled by Vijay Shilpiekandula.

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We are accepting resumes from the Class of 2003. We welcome those interested to apply via your career office by: **Tuesday, October 15, 2002** (Information Technology).

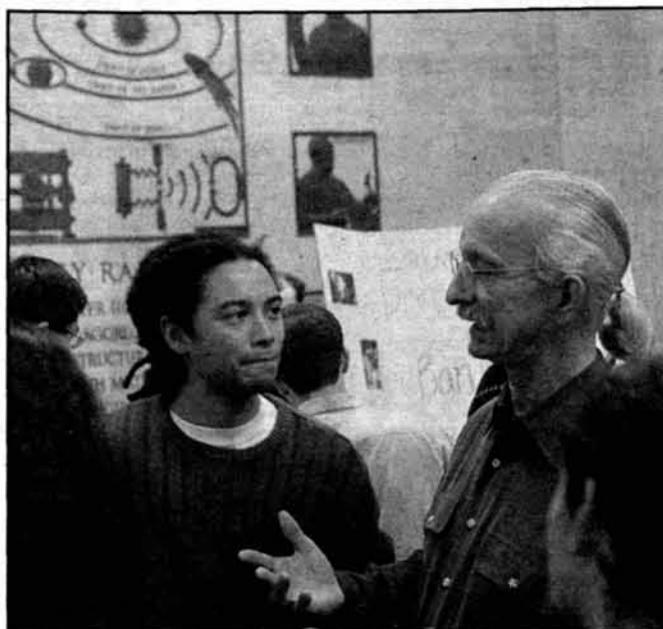
Interviews will be held at your Career Service Office on: **Tuesday, October 29, 2002** (Information Technology).

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JEAN ZHENG—THE TECH
Professor of Mechanical Engineering Woodie Flowers exchanges ideas with students interested in the IDEAS competition and past IDEAS winners Tuesday evening in Lobby 6.

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Beginning at 9:30am on the day of each concert offered through the card, student cardholders will be able to call a special designated phone line (617-638-9478) to confirm that tickets are available for that day's concert. Tickets will be available for pickup - one per cardholder, student ID required - at the Symphony Hall Box Office from 10 a.m.-6 p.m. on concert days. Tickets are available on a first-come first-served basis, but a minimum of 100 tickets will be held for each BSO College Card concert.

Only one card per MIT student ID will be issued.

Lost or stolen cards cannot be replaced.

All programs and artists are subject to change.

For the list of eligible concerts, go to:
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This is a wonderful opportunity to gain teaching experience and give something back to the community.

Application Deadline: OCTOBER 18TH

Applications are available from the UROP website: <http://web.mit.edu/urop/mentorapp.html>.
For more information, contact the UROP Office at x3-7306 or <urop@mit.edu>



Athena Minicourses Fall Term 2002

| | Mon | Tue | Wed | Thu | | | | |
|---------|--------|---------------|--------|---------------|--------|----------------|--------|----------------|
| 12 noon | 9 Sep | MSO | 10 Sep | Matlab | 11 Sep | Maple | 12 Sep | Xess |
| 7 p.m. | | MSO | | MSO | | Xess | | Xess |
| 8 p.m. | | Matlab | | Matlab | | Maple | | Maple |
| 12 noon | 16 Sep | Frame | 17 Sep | Latex | 18 Sep | FrameThs | 19 Sep | LatexThs |
| 7 p.m. | | Frame | | Frame | | Latex | | Latex |
| 8 p.m. | | Frame Thesis | | Frame Thesis | | Latex Thesis | | Latex Thesis |
| 12 noon | 23 Sep | Student | 24 Sep | ©First Course | 25 Sep | ©Working | 26 Sep | Frame |
| 7 p.m. | | Holiday | | ©First Course | | ©First Course | | Latex |
| 8 p.m. | | No Classes | | ©Working | | ©Working | | Frame |
| 12 noon | 30 Sep | ©First Course | 1 Oct | ©Working | 2 Oct | Latex | 3 Oct | Frame |
| 7 p.m. | | ©First Course | | ©First Course | | Latex | | Frame |
| 8 p.m. | | ©Working | | ©Working | | Latex Thesis | | Frame Thesis |
| 12 noon | 7 Oct | Serious Emacs | 8 Oct | Dotfiles | 9 Oct | HTML | 10 Oct | Info Resources |
| 7 p.m. | | Serious Emacs | | Serious Emacs | | HTML | | HTML |
| 8 p.m. | | Dotfiles | | Dotfiles | | Info Resources | | Info Resources |
| 12 noon | 14 Oct | Holiday | 15 Oct | Matlab | 16 Oct | Xess | 17 Oct | ©First Course |
| 7 p.m. | | Coulomb's Day | | Matlab | | Matlab | | ©First Course |
| 8 p.m. | | No Classes | | Xess | | Maple | | ©Working |

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MIT Wins Medals In Forms, Sparring

Taekwondo, from Page 20

in his first INCTL tournament, taking the men's consolidated feather (127-147 lbs) division spot and ending the previously undefeated record of Temple University's Late Lawson. Sinn received a bye in the first round, and entered confidently into his second round against John Jay College. He was leading by a score of 4-0 before his opponent forfeited the match. In his third round, he beat Lawson 5-2, showing that he was both faster and stronger by attacking first and always getting the last kick.

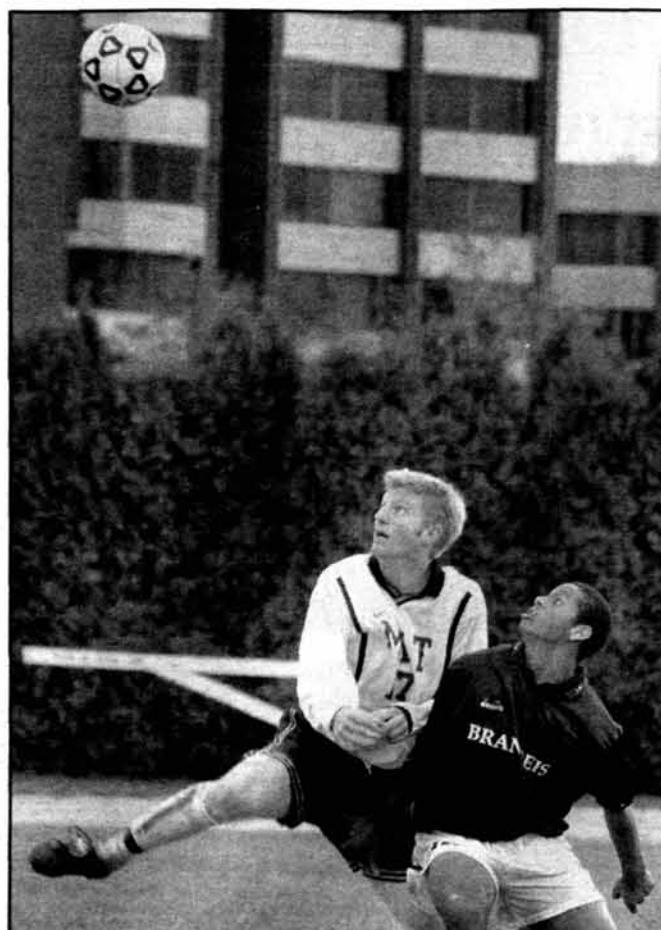
Lawson moved his way back up the brackets to face Sinn later on, where Sinn lost on an exciting 3-3 tie decision after having received two penalties. After a brief break, Sinn faced Lawson again, in the finals match, where the score was tied 2-2 after the second round. The match was looking as though it would come down to another decision, when Sinn scored 2 points on an exchange of double-kicks, pulling ahead to win with a final score of 4-2.

The newest addition to the Sport Taekwondo Club and the youngest member of the 2002-2003 All-Star Team, Sinn shows a lot of talent and potential for the upcoming competition year.

Others earn medals

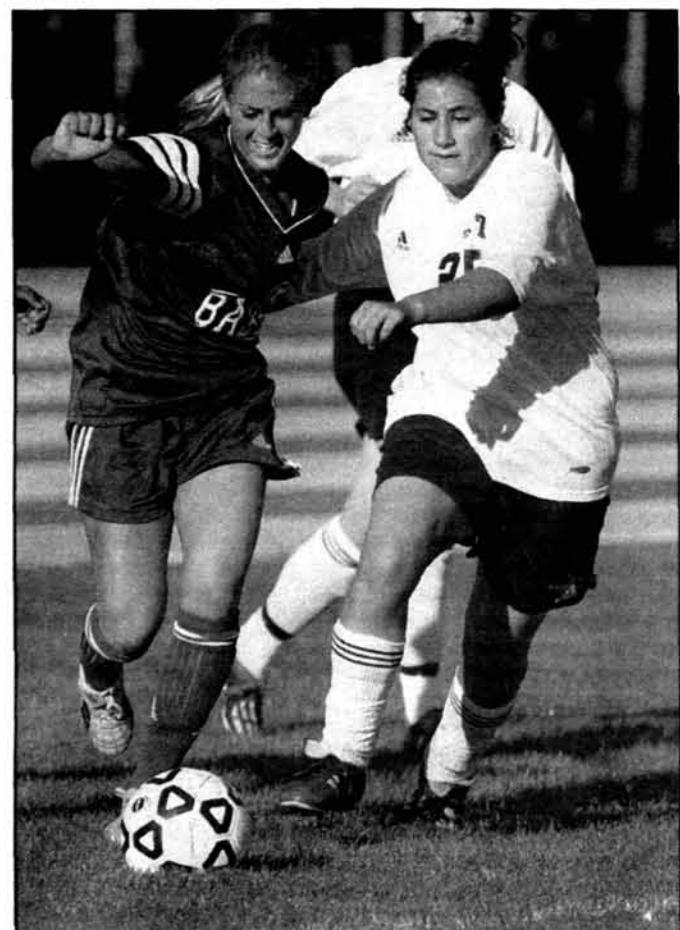
Immediately following the All-Star Team Trials was an invitational tournament, where several other MIT students earned medals for forms and sparring. In the men's black-belt forms division, Jonathan Niemczura '03 and Beracah Yankama G placed first and third, respectively. Bauchi T. Nguyen G added to their successes by placing second in women's red-belt forms. The men's A team (Tim Lee '04, Sinn, and Yankama) placed third in the black-belt sparring division, losing in the semi-finals to West Point despite a 5-0 victory by Sinn.

Osugi, Park, and Sinn will join with fellow All-Stars from Princeton, Pratt, and Cornell to represent the League this winter. Meanwhile, Sport Taekwondo Club continues to train hard for their next tournament on Oct. 20 at New York University.



TIMOTHY SUEN--THE TECH

J. Daniel Griffith '05 edges past a Brandeis Judge in a tough match last Wednesday afternoon. MIT won 4-3 in overtime, with Joseramon Torradas '05 scoring the final goal.



OMOLEYE ROBERTS--THE TECH

Sheila E. Saroglou '03 and Toni Pantuosco of Babson fight for possession of the ball during the first half of the women's soccer game against Babson on Tuesday. MIT won 2-0.

No animals were harmed in the making of this coupon.

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MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

Simmons Hall

Temporary ceiling tiles in main lobby have been replaced. The remaining tiles are on site and will be replaced floor-by-floor. Remaining construction on the building continues and noise is being mitigated so disruption to residents will be as minimal as possible.

Building 7 ADA accessible entrance

On Tuesday, October 8, construction of an ADA accessible entrance to Building 7 will begin. Shrubs and trees on the north side of the 77 Mass. Ave. steps (behind the bus shelter) will be removed to make room for installation of this entrance. Shrubs and trees will also be removed from the south side of the steps so that both sides can be replanted in balance upon completion of the project.

Vassar St. Utilities

Excavation for the steam line to Advanced Energy across Main Street has begun on the night shift, from 9 p.m. to 5 a.m., to minimize traffic impacts in the area. The steam piping and backfill at Johnson Athletics is nearing completion. Vassar St. is now one-way from Main St. to Mass. Ave. until January 2003.

Stata Center

Temporary building enclosures are being installed in preparation for inclement weather. Installation of the below-grade supports for the exterior stairs leading to the raised garden continues. Exterior brickwork continues.

Hayden Library

The new circulation area is now open. Work on the 24-hour study space continues; this space will open later this fall. The after-hours book drop will be installed in October. Signage and lighting for the main entrance are nearing completion.

For information on MIT's building program, see <http://web.mit.edu/evolving>
This information provided by the MIT Department of Facilities.

SPORTS

Springfield Upsets Women's X-C

By Jennifer DeBoer

TEAM MEMBER

The women's cross-country team suffered a difficult loss to rival Springfield College at Saturday's home meet. Excessive heat, high-mileage workouts, and injuries all contributed to the team's weak showing at Franklin Park.

Springfield's top runner, All-American Marisa Clapp '04, led the race uncontested from the line, finishing in a time of 18:34.07. The next eight places went to runners from Springfield and the Greater Boston Track Club, which was not scored for the collegiate meet, but edged out Springfield for the win overall.

The first MIT runner to cross the line was Veronica A. Andrews '05 at 20:41.70, followed closely by Katie R. Huffman '04 at 20:53.19, Betsy R. Eames '06 at 21:11.53, and Valerie Y. Kuo at 21:21.00.

The final score, not counting the Greater Boston team, was Springfield, 19, to MIT, 36, with the Springfield scorers averaging times a minute faster than MIT's top seven runners.

Head Coach Paul "Sluggo" Slovenski looks to improve the team's speed training for Friday's large National Preview meet and the subsequent end-of-season qualifying meets.

"We've been getting that high-mileage in and hopefully that's our base that those other teams don't have," Slovenski said.

"We'll be picking up the speed in these workouts now to get these guys moving," he added.

The next pack of MIT runners



STANLEY HU—THE TECH

(Left to right) Valerie Y. Kuo '06, Elizabeth R. Eames '06, Veronica A. Andrews '05, and Kathleen R. Huffman '04 form MIT's lead pack in the Franklin Park Footrace held last Saturday. Missing their top two runners, the women's cross country team lost the meet to Springfield College 19-36 in an upset that dropped MIT to #2 in the conference.

was led by captain Marissa L. Yates '03 at 21:42.12, and Lynn K. Kamimoto '05 at 21:54.71, final scorer, Kelly Kuo '06 at 21:55.22, and Crystal A. Russell '03, at 21:57.36.

Two of MIT's top runners, Martha W. Buckley '04 and Julia C. Espel '05, were absent on Saturday; Buckley was away and Espel was

recovering from a hip injury.

The team's next meet is the National Preview meet at Franklin Park, which includes Division I teams such as Dartmouth and Harvard, as well as other NEWMAC (New England Women's and Men's Athletic Conference) teams that the MIT women will see at the conference meet.

Martens Breaks Kill Record In Win

By Paul Dill

TEAM COACH

The women's varsity volleyball team earned one of their biggest victories of the season by completely dismantling arch-rival Springfield College at home this past Tuesday night.

With both teams entering the match having only lost two matches each on the season, it looked to be a real barn-burner. However, the Engineers quickly showed Springfield whose house it was, getting out to an early lead in the first game. Before they knew what had hit them, Springfield had lost the first game 30-22.

It was more of the same in the second game, as the Engineers continued to dominate. Springfield simply had no answer for MIT setter, Austin Zimmerman '06, who dished out a total of 32 assists on the match and caught Springfield off guard time and time again when she clobbered several second-ball attacks. It was Kelly A. Martens '06 though, who had the most success in the second game, as she went 6 for 6 in kills and earned her 1,480th career kill, setting the new MIT record, previously owned by Betsy Sailhamer '99. In the end, the second game went to MIT 30-27.

In the third game, Springfield opened up an early 6-4 lead and was clinging to the Engineers at 13-13 before Joy N. Hart '06 crushed the Springfield spirits with a nine-point serving run, including three of her four aces (a match high). The Engineers, up 24-14, withstood a modest Springfield comeback effort and ultimately cruised to a comfortable 30-24 victory, taking the match 3-0 in just over an hour.

Overall, serving was a key factor in the match as MIT served 12 aces to Springfield's two. Offen-

sively, Nydia M. Clayton '04 and Arlis A. Reynolds '06 both had great nights, putting 10 kills each to the floor. Defensive specialist Jacklyn Y. Wang '06 led the team with 12 digs.

At 21-2, (5-0 in their confer-

ence,) MIT is ranked #2 in the New England region, and is in the top 30 nationally. The Engineers will face Caltech and Plymouth State College in a home tri-match on Saturday, Oct. 19. MIT plays at 11 a.m. and 3 p.m. in DuPont Gym.

By O.B. Usmen

COLUMNIST

Week 5 in the NFL had a number of key match-ups. Green Bay (now 4-1) faced off with Chicago (2-3) on Monday night. The

Bears' defense couldn't stop Brett Favre, as he passed for 287 yards and 3 touchdowns in the first half. Winning 34-21, Green Bay now has a comfortable two-game lead in the NFC North.

Denver (4-1) cruised to a 26-9 victory over the previously undefeated Chargers (4-1). The

Broncos' top priority was containing the league's leading rusher, LaDainian Tomlinson, and they succeeded, keeping him to only 48 yards rushing. Deltha O'Neal also had two interceptions, to help Denver rebound from their disappointment last Monday night.

Oakland (4-0) continues to dominate their opponents; they halted the high-powered Bills (2-3) 49-31. As expected, the game was an offensive explosion with the two teams combining for 974 yards in total offense. In the end, rookie cornerback, Phillip Buchanon, sealed the game for the Raiders with an 81-yard interception return for a touchdown, putting the game out of reach for the Bills in the fourth quarter.

The most anticipated game of the week was the match-up between AFC East rivals Miami (4-1) and New England (3-2). Miami's defense suffocated the Patriots, holding them to just 26 yards in the first half. The Patriots' passing game picked up in the second half, but by then it was too late. The Dolphins held on to win 26-13, with Ricky Williams eating up the clock with 36 carries

for 105 yards.

New coaches aim to bring change

When Steve Spurrier signed as the head coach of the Redskins (2-2), everyone was excited for him to implement his "fun-n'-gun" offense in the NFL. Spurrier's offensive scheme worked for years at the University of Florida, but he's never faced the problem he's currently facing in Washington: lack of talent. Having given up on Shane Matthews and Danny Wuerffel (both played for Spurrier at Florida), Spurrier has handed the starting quarterback job to rookie Patrick Ramsey. It doesn't matter who's playing quarterback, though, when you only have one decent receiver, Rod Gardner, and an injury-prone running back, Stephen Davis. In a couple years Spurrier could turn the offense around, but it was unreasonable to think it would happen this year.

Unlike Spurrier's Redskins, the team Jon Gruden inherited is loaded with talent. For the past couple years, under the tutelage of defensive mastermind Tony Dungy, the Buccaneers (4-1) have smothered teams with their defense. All that was missing was an offense that could keep the defense on the bench long enough to catch their breath. Gruden built a high-octane offense in Oakland, and has tried to install something similar in Tampa Bay. While Tampa Bay's offense doesn't have the guns Oakland's does, Brad Johnson is a solid NFL quarterback, and Keyshawn Johnson and Keenan McCardell are a formidable pair of downfield threats. While Tampa's offense ranks 17th in total yards, where Gruden is really making a difference is on the scoreboard, as the Bucs rank 10th in points scored. If they can keep up the 25 points per game they've scored so far, Tampa Bay will compete with Philadelphia for a spot in the Super

Bowl.

J-ville trio looks like league's best

When the Jaguars (3-1) waived Keenan McCardell, Hardy Nickerson, and Carnell Lake, and allowed Tony Boselli to get away via expansion draft, most people thought they had given up on this season before it began. Apparently, the "big three" in Jacksonville didn't think so. Quarterback Mark Brunell, wide receiver Jimmy Smith, and running back Fred Taylor look as good as they have since 1999 when they led Jacksonville to the AFC Championship game. In Jacksonville's four games so far (they had a bye week 3), Taylor has rushed for 387 yards, including two 100-yard efforts in four games. Smith has 288 yards receiving and is averaging 16 yards per catch. Meanwhile, Brunell has been the glue that keeps the offense together, passing efficiently with a 101.2 passer rating and only one interception this season. With their big win over the Eagles 28-25, Jacksonville is playing with a lot of confidence.

Jacksonville may look like a playoff contender for the time being, but I'm skeptical. No team loses as many players as Jacksonville did in the off-season and stays competitive. Taylor has avoided injury so far, but how long will that last? The AFC South is pretty weak, but Indianapolis has their own high-powered trio that has yet to reach its potential this season. So far, Jacksonville has been a nice surprise, but I don't foresee them maintaining this level of play, not with so many new players.

Fantasy pick of the week: Travis Henry, RB for the Buffalo Bills. With so much attention on Drew Bledsoe, Henry has capitalized on the open running lanes, running for 340 yards so far. Against the Texans this week, Henry should have plenty of room to run.

Taekwondo Captures 3 All-Star Team Spots

By Christina S. Park

TEAM MEMBER

MIT's Sport Taekwondo Team kicked off the year with a strong showing in the Ivy/Northeast Collegiate Taekwondo League (INCTL) All-Star Taekwondo Team Trials, taking three of the eight available spots on the INCTL All-Star Team.

At this double elimination black-belt-only competition, held at West Point Military Academy last Saturday, MIT competed in a pool of more than 10 schools, which included Princeton, Cornell, NYU and Columbia.

The tournament consisted of four men's and four women's divisions (consolidated fly, feather, welter, and heavy) where the champion of each division would become a member of the INCTL All-Star Team, which will travel in January to compete with other collegiate Taekwondo programs across the country. Each round of competition consisted of three two-minute rounds, with the exception of men's finals which were three rounds of three minutes each.

Veterans Park, Osuji secure spots

Christina S. Park G, a defending member of last year's All-Star

Team, started the day strong in the women's consolidated heavy (over 147 lbs) division. She dominated in her two matches against NYU by score margins of 15-3 and 11-1 and successfully defended her spot on the team.

Chinedum O. Osuji G was undefeated on the day in the men's consolidated welter (147-171 lbs) division. With the experience of major international tournaments such as the World Championships and the Pan American Games under his belt, he dominated the largest division of the tournament.

He won his first match against John Jay College handily with a score of 14-1. Osuji's second match, against a competitor from the University of Buffalo, ended in a final score of 8-3 after some fast exchanges of double-kicks. In his semi-final match against John Jay, Osuji was leading 1-0 when his opponent forfeited due to injury. In the finals, Osuji met the West Point team captain, who had two knockouts on the day. Osuji remained unfazed as he controlled his last match with a final score of 6-3 to earn his spot on the All-Star Team.

Sinn shows promise in debut

Richard J. Sinn '06 turned heads

Taekwondo, Page 19

UPCOMING HOME EVENTS

Saturday, Oct. 12

Men's and Women's Cross-Country, National Preview, 11 a.m.
Men's Soccer vs. Springfield — Steinbrenner Stadium, 11 a.m.
Men's Water Polo, Division III Eastern Championships — Zesiger Pool, 7 p.m.
Women's Soccer vs. Wellesley — Steinbrenner Stadium, 2 p.m.
Women's Tennis vs. Mt. Holyoke — Katz Tennis Courts, 1 p.m.

Sunday, Oct. 13

Men's Water Polo, Division III Eastern Championships — Zesiger Pool, time TBA